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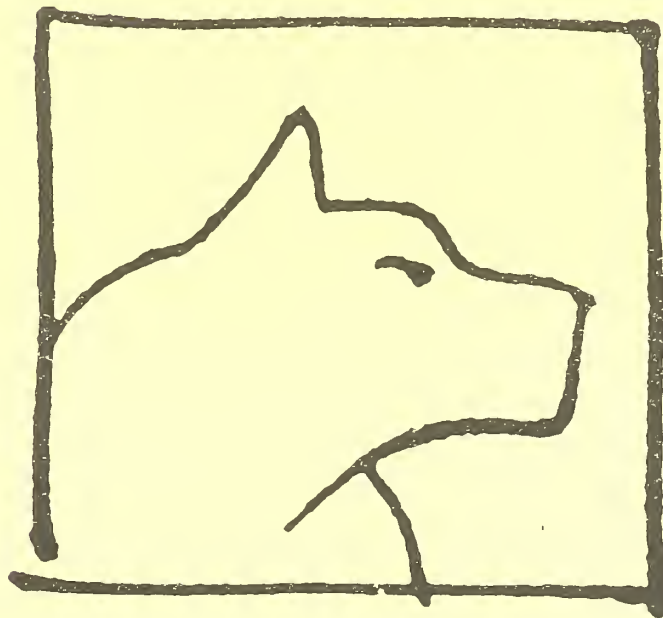
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# Audio-Visuals Relating to Animal Care, Use, and Welfare

AWIC Series No. 96-01

Animal Welfare Information Center Series





# **Audio-Visuals Relating to Animal Care, Use, and Welfare**

AWIC Series No. 96-01  
Updates AWIC Series No. 93-01

Jean A. Larson and D'Anna J.B. Jensen  
Animal Welfare Information Center

National Agricultural Library  
Agricultural Research Service  
U.S. Department of Agriculture



**Animal  
Welfare**

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## How to Use this Document

This document is a listing of audiovisuals related to animal care that are currently in the National Agricultural Library (NAL) collection. All audio visuals are available to others on an interlibrary loan basis. They cannot be purchased from NAL. If the reader would like copies of the materials, please contact the producer.

There are several ways to access the listed titles. There is a quick alphabetic listing by title and a general subject index. The body of the document includes a complete bibliographic citations in the same order as the title listing. The citations include the title, author, publisher, place of publication, date, format, length of time, keyword, a short descriptive note/abstract, and the NAL call number. Please note that the call number field includes terms such as--filmstrip, videocassette and slide and a number. Please include all this information when requesting them on loan from NAL.

## Acknowledgement

*The authors would like to thank Ruth Criscio for her diligence in proofreading, editing and formatting the document for printing.*



## List of Organizations

|        |   |  |
|--------|---|--|
| AAALAC | - | Association for Assessment and Accreditation of Laboratory Animal Care International |
| AALAS  | - | American Association for Laboratory Animal Science                                   |
| ACUC   | - | Animal Care and Use Committee  |
| ALF    | - | Animal Liberation Front  |
| APHIS  | - | Animal and Plant Health Inspection Service   |
| ASPCA  | - | American Society for the Prevention of Cruelty to Animals                            |
| AWIC   | - | Animal Welfare Information Center  |
| CAAT   | - | Johns Hopkins Center for Alternatives to Animal Testing                              |
| FBR    | - | Foundation for Biomedical Research   |
| FDA    | - | Food and Drug Administration   |
| FRAME  | - | Fund for the Replacement of Animals in Medical Experiments                           |
| HSUS   | - | Humane Society of the United States  |
| iiFAR  | - | Incurably Ill for Animal Resource  |
| ILAR   | - | Institute for Laboratory Animal Resources  |
| NABR   | - | National Association for Biomedical Research   |
| NIH    | - | National Institutes of Health  |
| PETA   | - | People for the Ethical Treatment of Animals  |
| SCAW   | - | Scientists Center for Animal Welfare   |
| USDA   | - | United States Department of Agriculture  |



## Alphabetical Listing of Titles

1. A Challenge to Care: Careers in Laboratory Animal Science
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3. A New Leash on Life
4. A New Way: a Presentation of Lincoln Park Zoo. Integrated Pest Management
5. A Question of Life
6. A Question of Respect
7. A Question of Safety: the Importance of Product Safety Testing
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10. All about Llamas
11. Alternatives in Animal Research
12. Among the Wild Chimpanzees
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15. Anatomy of the Dog
16. Animal Agriculture: Myths and Facts
17. Animal Behavior in the Wild
18. Animal Care and Use: Policy Issues in the 1990's
19. Animal Research: the Cost of Hope
20. Animal Rights/Animal Welfare
21. Animal Rights: the Issues, the Movement
22. Animal Welfare: the Farmers' Story
23. Animal Welfare Information Center: Resources Today for the Research of Tomorrow
24. Animal Welfare: Implications for Agricultural Research
25. Animals in Biomedical Research
26. Animals in Research: a Complex Issue
27. Animals in Zoos: Issues and Concerns
28. Animals, Nature and Religion
29. Animals That Live in Groups
30. APHIS M&B Recruitment Video
31. Artificial Insemination in Swine
32. Aseptic Surgery of Rodents
33. Avian Depredation of Southern Aquaculture
34. Baiting Techniques
35. Bandaging and Splinting
36. Barn Construction
37. Basic Horseshoeing Principles
38. Basic Sterile Cell Culture
39. Basic T.E.A.M. With Llamas
40. Beating Muscle Injuries in Horses
41. Biology and Management of the Domestic Ferret

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48. Biomethodology of the Rat
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53. Breaking Yearlings
54. Britches
55. Broodmare Management
56. Brookfield Zoo: Keeper Orientation
57. BST & Milk: Issues & Answers
58. BST: Continuing a Dairy Tradition
59. Caesarean Birth
60. Cage Sanitation: Use of Chemical Disinfectants
61. Caging Systems, Bedding Materials & Environmental Considerations for Laboratory Rodents
62. Calving Time Management/Equipment
63. Canine Control Officer/Kennel Worker
64. Careers in the Horse Industry: Unbridled Opportunities
65. Careers in Veterinary Medicine: a Rainbow of Choices
66. Caring for Life
67. Carnivore Restraint and Handling
68. Carnivores: Basic Needs, Handling and Care
69. Cat Care: a Video Guide to Successful Cat Care
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71. Cattle Handling and Transportation
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73. Chicken for Dinner?
74. Cleveland City Club Forum Debate: Animals in Medical Research
75. Commensal Rodents: Biology & Behavior
76. Common Ground: Farming and Wildlife
77. Composting Poultry Mortality
78. Conformation
79. Connections: Animals, People and Biotechnology
80. Control of Ventilation: Effects of Chemo and Mechano Receptors
81. Controlling Grass Tetany
82. Cow Handling
83. Dance of Death
84. Dehorning Cattle
85. Development and Reproduction of Mice in a Laboratory Setting
86. Diseases of Laboratory Animals as Complications of Biomedical Research

87. Dissection and Anatomy of the Brain
88. Dissection and Anatomy of the Cat
89. Dissection and Anatomy of the Eye
90. Dissection and Anatomy of the Fetal Pig
91. Dissection and Anatomy of the Heart
92. Dissection and Anatomy of the Rat
93. Dissection and Anatomy of the Shark
94. Do Animals Reason?
95. Do Animals Think and Feel?
96. Dog Lab: an Unnecessary Exercise
97. Dogsteps: a Study of Canine Structure and Movement
98. Don't Kill the Animals
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100. Elephant Care and Handling
101. Emergency Care
102. Environmental Enrichment: Advancing Animal Care
103. Exodus at Yellowstone: the Second Catastrophe
104. External Parasites of Dogs and Cats
105. External Physical Exam of the Dog
106. Facing the Animal Rights Challenge
107. Fancy Footwork: Horseowner's Guide to Sound Shoeing Practices
108. Farm Animal Behavior Research
109. Farm Animal Welfare
110. Farm Animals with Care
111. Fleas: Biology and Control
112. Foal Management
113. Foaling
114. Foaling Fundamentals: a Video Handbook for Healthy Foaling
115. Foaling Your Mare
116. Food Safety and Animal Drugs: Testing, Testing, Testing
117. Fundamentals of Blood Gas Analysis: Collection, Measurement and Interpretation
118. Gait...Observing Dogs in Motion
119. Gnotobiotic Pig Production
120. Gnotobiotics in Production of Experimental Animals
121. Gorilla
122. Granby's Primates
123. Handling and Restraining Laboratory Rodents
124. Handling and Restraints of the Canine Patient
125. Handling Hoofed Stock
126. Handling Livestock Naturally
127. Hidden Crimes: a Film on Animal Experimentation
128. Hope: a Story That Highlights the Critical Importance of Animal Research in Medical Progress Through the Eyes of Three Families
129. Humane Care and Use of Laboratory Animals

130. Humane Care and Use of Laboratory Animals for Technicians (Cuidado Y Uso Humanitario De Animales De Laboratorio Para Tecnicos)
131. Humane Educator/Obedience Trainer
132. Humane Principles and Procedures in Animal Research
133. Hunter's Titermax
134. I Team Report: the Animal Rights Movement
135. Imprint Training the Foal
136. In Defense of Animals: a Portrait of Peter Singer
137. In Vitro Research: an Introduction
138. Inspection and Labeling Aspects of Genetically Engineered Food Animals
139. Inspection for Commensal Rodents
140. Integrated Pest Management
141. Intercultural Views of Animals
142. Introduction of Foreign Genes into Livestock
143. Introduction to Chimpanzee Behavior
144. Jane Goodall: a Life in the Wild
145. Killing the Crisis, Not the Animals
146. Kiss the Animals Goodbye
147. Konrad Lorenz, Science of Animal Behavior
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149. Laboratory Animal Technician Training Course: Part 16, Veterinary Pharmacology
150. Laboratory Animals: Toxicology and the Public
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153. Lamb Survival
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155. Licensing Veterinary Biologics: Traditional & Recombinant Vaccines
156. Licensing Veterinary in Vitro Diagnostic Kits
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159. Llama Training with Bobra Goldsmith
160. Man's Best Friends
161. Managing Giants
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164. Marsupial Care and Handling
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167. Miss Goodall and the Wild Chimpanzees
168. Modern Veal Production: a Mixture of Technology and the Family Farm
169. Molecular Modeling for Biological Systems
170. Monkey Island
171. Monkeys, Apes and Man
172. MoorComfort Gestation System
173. Mustang: Managing a Misfit



174. Mystery of Animal Behavior
175. National Anti-Vivisection Society Public Service Announcements
176. Neuromuscular Blocking Agents
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178. Nonhuman Primates: Basic Needs, Handling and Care
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186. Ovariohysterectomy of the Rabbit. Neutering of the Rabbit
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190. Poultry at Home
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193. Practical Methodology: Endotracheal Intubation of the Rat and Hamster
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199. Practical Methodology: Nonhuman Primates Part I - Personnel Safety, Primate Handling and Restraint
200. Practical Methodology: Nonhuman Primates Part II - Special Laboratory Techniques
201. Practical Methodology: Reptiles Part I - Humane Handling, Restraint and Husbandry
202. Practical Methodology: Reptiles Part II - Special Laboratory Techniques
203. Practical Outdoor Pig Production
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205. Principles of Rodent Control
206. Professional Advice for the Care of Cage-Dwelling Pets, Including Gerbils, Hamsters, Rabbits, Guinea Pigs, Rats and Mice
207. Professional Advice for Healthy, Happy Birds
208. Progress Without Pain
209. Protecting Endangered Animals
210. Questions & Answers about BST and Milk
211. Rabbits: Bacterial and Mycotic Diseases
212. Rabbits: Biology
213. Rabbits: Care and Management in a Laboratory Setting
214. Rabbits: Introduction to Use in Research
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216. Rabbits: Parasitic, Protozoal, and Viral Diseases

217. Recognition and Alleviation of Pain and Distress
218. Reptiles: Bacterial Diseases of Captives Reptiles
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239. Signs of the Apes, Songs of the Whales
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273. The Challenge of Animals in Research
274. The Control of Feral Cat Colonies
275. The Dog and Cat
276. The Dog and Cat in Research
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278. The Down Side of Livestock Marketing
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283. The Guinea Pig: Diseases
284. The Guinea Pig: Introduction and Husbandry
285. The Guinea Pig and Rabbit
286. The Guns of Autumn
287. The Hamster: Introduction and Husbandry, Part 1
288. The Hamster: Biology and Diseases, Part 2
289. The Heart of the Matter
290. The Image of Animals Today
291. The Laboratory Rat: Biology, Husbandry and Research Methodology
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295. The Mongolian Gerbil, *Meriones Unguiculatus*
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- 308. The Principles of Horseshoeing: the Sound Horse
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- 311. The T Touch That Teaches. Part I: Head and Neck
- 312. The T Touch than Teaches, Part II: Body, Legs, and Tail
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- 320. To Be a Gorilla
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- 325. Training Medical Behaviors in Orangutans at Brookfield Zoo
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- 331. Understanding Farm Animal Behavior
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# Audio-Visual Listing

1

**A Challenge to Care: Careers in Laboratory Animal Science** [videocassette]. Cordoba, TN: American Association for Laboratory Animal Science; 1988; 1/2" VHS, 16 min.

**Keyword:** Vocational guidance, technicians, research, experimental psychologists.

**Note:** After a brief argument for the use of laboratory animals in medical research, the program discusses the careers available in the production, care, and management of laboratory animals.

**NAL Call No:** Videocassette No. 711.

2

**A Feminist View of Human-Animal Relations** [videocassette]. Minneapolis, MN: University of Minnesota; 1986; 1/2" VHS, 45 min.

**Keyword:** Animal welfare, feminists, ethics.

**Note:** The concepts of "victim" and "distribution of powers" are discussed in reference to interactions between males and females, and humans and animals. A historical perspective expressed through art is used to portray the connection between animal and child abuse.

**NAL Call No:** Videocassette No. 324.

3

**A New Leash on Life** [videocassette]. Charlotte, NC: W.J. Klein Company; Presented by the Humane Society of the United States; 1987; 1/2" VHS, 15 min.

**Keyword:** Dogs, pets, pounds, adoption, pet care.

**Note:** Presents the benefits and costs of owning a dog. Addresses the issues of pet abandonment, pound adoption, pet care, and living with pets in apartments.

**NAL Call No:** Videocassette No. 904.

4

**A New Way: A Presentation of Lincoln Park Zoo. Integrated Pest Management** [videocassette]. Chicago: Lincoln Park Zoo; c1990; 1/2" VHS, 13 min.

**Keyword:** Lincoln Park Zoo, pests, integrated control, zoos.

**Note:** Describes how the Lincoln Park Zoo developed and manages its pest management program. The goal of this program is to control the pests, because eradication is an unrealistic goal. Communication, cooperation and vigilance makes this program successful.

**NAL Call No:** Videocassette No. 1560.

5

**A Question of Life** [videocassette]. Berkeley, CA: California Biomedical Research Association; 1984; 1/2" VHS, 15 min.

**Keyword:** Medical research, animal models, animal welfare, ethics.

**Note:** The role of laboratory animals in the advancement of medicine is examined. The program lists medical benefits for humans and animals resulting from animal research.

**NAL Call No:** Videocassette No. 193.

6

**A Question of Respect** [videocassette]. New York: American Society for the Prevention of Cruelty to Animals (ASPCA); 1988: 1/2" VHS. 12 min.

**Keyword:** Animal welfare, laboratory animals, animal experimentation, livestock, pets.

**Note:** The ASPCA looks at the inter-relationship between earth, animals, and man. The video discusses man's responsibility toward animals with respect to research, product testing, and pets.

**NAL Call No:** Videocassette No. 801.

7

**A Question of Safety: The Importance of Product Safety Testing** [videocassette]. Washington, DC: Foundation for Biomedical Research; 1988: 1/2" VHS. 14 min. 30 sec.

**Keyword:** Toxicity, animal models, product safety, alternative testing methods.

**Note:** This film discusses the use of laboratory animals in providing product safety assurance. The program stresses the importance of data from toxicity studies using animals to determine product safety under normal conditions, and toxicity treatment in cases of accidental poisoning. It briefly discusses the concept of "acceptable risk" and the use of alternatives to live animals.

**NAL Call No:** Videocassette No. 340.

8

**About Animals, The Question Is...** [videocassette]. Lynnwood, WA: Progressive Animal Welfare Society; 1987: 1/2" VHS. 22 min.

**Keyword:** Intensive livestock farming, laboratory animals, animal welfare, ethics.

**Note:** A historical exploration of Western culture's beliefs and practices regarding animals.

Two practices are emphasized: the use of animals for food and for experimentation. The views of both critics and supporters of these practices are presented in order to stimulate questions and discussion by the audience. A study guide accompanies the videocassette.

**NAL Call No:** Videocassette No. 332.

9

**AKC and the Sport of Dogs** [videocassette]. New York, NY: The American Kennel Club; 1986: 1/2" VHS. 34 min.

**Keyword:** Guide dogs, police dogs, hunting dogs, sport.

**Note:** This American Kennel Club production demonstrates the history of man's use of dogs. It contains an in-depth discussion of the current uses of guide, police, and sporting/hunting dogs and the role of the AKC.

**NAL Call No:** Videocassette No. 1351.

10

**All About Llamas** [videocassette series]. Bozeman, MT: Taylor/Gavin Communications; 1986: 1/2" VHS. 45 min. (each video).

**Keyword:** Care, handling, management, history, uses, behavior, breeding, birthing, packing, hiking.

**Note:** This series consists of three videotapes. Tape #1 - *Llama Basics* discusses the history, care, and handling of llamas. Tape #2 - *Breeding, Birthing and Newborn Care* covers the

basics of breeding, natural delivery, delivery assisting, and newborn care. Tape #3 - *Let's Go Packing* discusses the use of llamas as pack animals for hiking and outdoor adventures.

**NAL Call No:** Videocassette No. 1330.

## 11

**Alternatives in Animal Research** [videocassette]. Peter Doris and Kathy Watson: Texas Tech University Health Science Center; 1989; 1/2" VHS and U-matic (listed as video no. 810), 60 min.

**Keyword:** Animal models, biomedical research, alternatives, animal welfare, animal rights, history, the 3 R's.

**Note:** Gives the history of man's use of animals, and what the benefits to man have been and could be. A comprehensive discussion of the uses of animals in research today, along with guidelines and regulations. Covers the issue of animal rights and its effects on research. Discusses alternatives to using animals by using techniques in Refinement, Reduction, and Replacement.

**NAL Call No:** Videocassette No. 811.

## 12

**Among the Wild Chimpanzees** [videocassette]. Washington, DC: National Geographic video and WQED of Pittsburgh. Distributed by Vestron Video of Stamford, CT; c1987; 1/2" VHS, 59 min. ISBN: 0805104402.

**Keyword:** Jane van Lawick Goodall, biographic information, chimpanzees, behavior, social structure, tool use, East Africa.

**Note:** This film, authored by Alexander Scourby, is a videocassette of a 1984 film by the Society, WQED/ Pittsburgh and Vestron, Inc. It documents Jane Goodall's twenty-two year field research on the wild chimpanzees of East Africa. Shows the Chimpanzees' nomadic behavior, their family structure, and their ability to hunt and make and use tools. Also looks at discoveries of warfare and cannibalism.

**NAL Call No:** Videocassette No. 1100.

## 13

**Amphibians: Medicine and Husbandry** [slide]. Ann Arbor, MI: University of Michigan; 1975; 64 slides, audiocassette, 23 min.

**Keyword:** Frogs, salamanders, newts, tadpoles, axolotl, veterinary medicine, husbandry, laboratory animals.

**Note:** History of laboratory use, taxonomy, husbandry, sources of amphibians, and water quality parameters are addressed. Also covered are the signs, etiology, and treatment of "red leg syndrome"; Lucke renal adenocarcinoma; mycobacterial infection; pigmented fungal infection; and parasites. A script accompanies the slide set.

**NAL Call No:** Slide No. 226.

## 14

**An Introduction to Zoonoses** [videocassette]. Manhattan, KS: Kansas State University, College of Medicine; 1991; 1/2" VHS, 18 min.

**Keyword:** Zoonoses, Q fever, Psittacosis, preventative measures.

**Note:** Defines zoonoses and illustrates transmission vectors. Q-fever from dairy cows and Psittacosis from birds are given as examples of zoonotic diseases with symptoms exhibited by humans. Preventative measures of disease avoidance are discussed.  
**NAL Call No:** Videocassette No. 1661.

15

**Anatomy of the Dog** [videocassette]. Subtitle on cassette label and container: "The female genitalia." Raleigh, NC: North Carolina State University, College of Veterinary Medicine; c1985; 1/2" VHS, 22 min.

**Keyword:** Dogs, bitches, reproductive anatomy.

**Note:** Illustrates and describes the anatomy of the reproductive system of the dog by dissection of a cadaver. There are brief explanations of the structure and function of the various structures.

**NAL Call No:** Videocassette No. 1832

16

**Animal Agriculture: Myths and Facts** [videocassette]. Arlington, VA: Animal Industry Foundation; 1990; 1/2" VHS, 18 min.

**Keyword:** Factory farming, cattle, animal welfare, production.

**Note:** Farmers dispel the myths about cow/calf and feedlot cattle production, as well as turkey, hog, veal, and egg production. They emphasize that the care and well-being of their animals is very important for them and the continuation of their farms.

**NAL Call No:** Videocassette No. 1131.

17

**Animal Behavior in the Wild** [videocassette]. Minneapolis, MN: University of Minnesota; 1986; 1/2" VHS, 45 min.

**Keyword:** Elk, musk oxen, cats, horses, behavior.

**Note:** University of Minnesota professors Richard Phillips and David Smith discuss and illustrate aspects of animal behavior and communication using examples recorded on film.

**NAL Call No:** Videocassette No. 368.

18

**Animal Care and Use: Policy Issues in the 1990's** [videocassette]. Katie McCabe; 1989; 1/2" VHS, 40 min.

**Keyword:** Animal rights, animal models, animal welfare, research, political activists.

**Note:** The video is a taping of a conference luncheon addressed by Katie McCabe on the animal rights movement and its effects on biomedical research today and the overall effect it will have on the world in the future.

**NAL Call No:** Videocassette No. 903.

19

**Animal Research: The Cost of Hope** [videocassette]. Michael Criley; 1985; 1/2" VHS (No. 151), U-Matic 3/4" (No. 149), 20 min.



**Keyword:** Animal welfare, animal research, laboratory animals, ethics.

**Note:** This videocassette examines the animal research vs. animal rights debate. The contribution of animal research to the advancement of human health care is illustrated with animal and human heart patients. The acquisition of pound animals (dogs) for biomedical research is discussed.

**NAL Call No:** Videocassette Nos. 149 and 151.

## 20

**Animal Rights/Animal Welfare** [videocassette]. Des Moines, IA: National Pork Producers Council; 1990; 1/2" VHS, 20 min.

**Key words:** Animal rights, animal welfare, factory farming, animal husbandry, farming.

**Note:** Discussion of animal rights and animal welfare in relation to factory farming. The video displays perceived myths by the animal rights movement on factory farming. Discusses animal rights groups, their agendas, and their tactics. Gives advice on how people in the farming industry can deal with the issues and groups.

**NAL Call No:** Videocassette No. 901.

## 21

**Animal Rights: The Issues, the Movement** [filmstrip]. Westport, CT: Animal Rights Network, Inc.; 1982; 35 mm, 17 min.

**Keyword:** Veal calves, chickens, laboratory animals, farm animals, animal welfare, ethics, vegetarianism, trapping.

**Note:** This filmstrip introduces the viewer to the animal rights philosophy. The animal rights perspective as it relates to the use of animals for experimentation and food production is discussed. A script accompanies the filmstrip.

**NAL Call No:** Filmstrip No. 191.

## 22

**Animal Welfare: Implications for Agricultural Research** [videocassette]. Washington, DC: U.S. Department of Agriculture; 1990; 1/2" VHS, 22 min.

**Keyword:** Law, legislation, guidelines, impact, Russell and Birch, religion, behavior.

**Note:** Joy Mench, Doctor of Philosophy professor, discusses the religious and historical aspects of animal welfare and animal rights, the guidelines and standards established for treatment of animals in a research setting, and the effect of the animal rights movement on both biomedical and agricultural research. She closes by emphasizing the need for more research in animal behavior, in order to maintain and improve the care of agricultural animals.

**NAL Call No:** Videocassette No. 905.

## 23

**Animal Welfare Information Center: Resources Today for the Research of Tomorrow** [videocassette]. Washington, DC: Video & Teleconference Division, USDA; 1989; 1/2" VHS, 11 min. 37 sec.

**Keyword:** Library, information, animal welfare, research, laboratory animals.

**Note:** This video describes the resources and services offered by the Animal Welfare Information Center (AWIC) at USDA's National Agricultural Library, including

computer literature searching, production of bibliographies, identification of current research, and referrals. The film details how scientists and others can access information regarding laboratory animal care and use.

**NAL Call No:** Videocassette No. 559.

24

**Animal Welfare: The Farmers' Story** [Videocassette]. Park Ridge, IL: The American Farm Bureau Federation; 1981; 1/2" VHS, 3/4 U-Matic, 28 min. 30 sec.

**Keyword:** Dairy cows, hogs, poultry, intensive livestock farming, animal welfare.

**Note:** This film explores the economic and animal husbandry aspects of current animal farming practices through onsite interviews with farmers. The film equates proper animal management practices with satisfactory animal welfare practices.

**NAL Call No:** Videocassette Nos. 399 and 483.

25

**Animals in Biomedical Research** [videocassette]. Minneapolis, MN: University of Minnesota; 1986; 1/2" VHS, 45 min.

**Keyword:** Alternatives, animal welfare, ethics, medical research, laboratory animals.

**Note:** A lengthy panel discussion of the need for animals in biomedical research. Examples of advances in medicine through animal research are presented. Alternatives to and methods of reducing the use of animals in research, the limitations of animals in research, and the use of animals in teaching are discussed.

**NAL Call No:** Videocassette No. 326.

26

**Animals in Research: A Complex Issue** [videocassette]. Springfield, IL: Southern Illinois University School of Medicine; 1983; 3/4" U-Matic, 6 min. 25 sec.

**Keyword:** Medical research, laboratory animals, regulation.

**Note:** A brief introduction to issues concerning the use of animals in research. The film mentions the benefits of animal research and discusses painful procedures performed by biomedical researchers. The film also suggests that the need for regulating animal research be weighed against the costs and benefits to all of society.

**NAL Call No:** Videocassette No. 341.

27

**Animals in Zoos: Issues and Concerns** [videocassette]. Minneapolis, MN: University of Minnesota; 1986; 1/2" VHS, 45 min.

**Keyword:** Animal breeding, artificial insemination, genetics.

**Note:** Dr. Thomas Foose of the American Association of Zoological Parks and Aquariums, Carrol Henderson of the Minnesota Department of Natural Resources, and Harriet Lykken of the Sierra Club discuss the role of zoos in maintaining genetic diversity in captive animal populations. The panelists respond to audience questions.

**NAL Call No:** Videocassette No. 369.

28

**Animals, Nature and Religion** [videocassette]. Old Saybrook, CT: Connecticut Video Productions; 1980; 1/2" VHS, 38 min.

**Keyword:** Animal welfare, philosophy, American Indians, Hinduism, Buddhism, Christianity, Judaism, Taoism, sustainable agriculture, behavior, farm animals.

**Note:** Dr. Michael W. Fox surveys a wide spectrum of religious and philosophical thought to encourage respect for animals and nature. Fox emphasizes the need to change mankind's world view from one of self-centered domination (exemplified in the video by animal research, biotechnology, and modern agricultural practices) to a more holistic, interconnected concept of nature. The film ends with a plea for a more gentle, communal, and harmonious approach to life. A script accompanies the video.

**NAL Call No:** Videocassette Nos. 418, 466, and 467 (three copies).

29

**Animals that Live in Groups** [videocassette]. Washington, DC: National Geographic Society; c1989; 1/2" VHS, 15 min. Includes 2 identical teacher's guides.

**Keyword:** Animal societies, advantages of groups.

**Note:** Briefly describes several of the wide variety of animals which band together in a common effort to find food and shelter, to raise young, and to protect themselves from enemies.

**NAL Call No:** Videocassette No. 1155.

30

**APHIS M&B Recruitment Video** [videocassette]. Also called "APHIS, an investment in your future." Washington, D.C. United States Animal and Health Inspection Service. Distributed by Initram Communications; 1990?; 1/2" VHS, 12 min.

**Keyword:** United States Animal and Health Inspection Service, careers, vocational guidance, veterinary medicine, horticulture, meat inspection.

**Note:** Provides an overview of the various career opportunities in animal health, plant health and quarantine, animal diseases, and animal inspection that the United States Animal and Plant Health Inspection Service can offer.

**NAL Call No:** Videocassette No. 1369.

31

**Artificial Insemination in Swine** [videorecording]. East Lansing, Mich: Instructional Media Center, Michigan State University; c1981; 1/2" VHS, 15 min. 50 sec.

**Keyword:** Swine, artificial insemination, breeding, methods, equipment.

**Note:** Demonstrates the current methods and equipment for artificially inseminating swine.

**NAL Call No:** Videocassette No. 1726.

32

**Aseptic Surgery of Rodents** [videocassette]. Raleigh, NC: Laboratory Animal Training Association; 1989; 1/2" VHS, 30 min.

**Keyword:** Sterilization, disinfection, guinea pigs, hamsters, gerbils, veterinary training, biomedical techniques.

**Note:** This training module provides instruction on how to conduct aseptic surgery on laboratory rodents in accordance with Public Health Service policy and USDA

regulations. The video covers pathogen-free surgical preparation of operating surfaces, instruments, personnel, and animal subjects. Quality control in sterilization and the administration of anesthetics and antibiotics are also discussed.

**NAL Call No:** Videocassette No. 561.

33

**Avian Depredation of Southern Aquaculture** [videocassette]. Mississippi State, MS:

Information Services, Division of Agriculture, Forestry, and Veterinary Medicine, Mississippi State University; c1992; 1/2" VHS, 25 min.

**Keyword:** Control of bird pests, U.S. Southern states, diseases, pests, catfish, aquaculture industry.

**Note:** Since the 1980's bird depredation has been a problem for the aquaculture industry. This video discusses economic losses and costs to the industry to protect ponds from fish eating birds. Successful techniques such as visual scare devices, noise stimuli, and physical barriers are illustrated.

**NAL Call No:** Videocassette No. 1479.

34

**Baiting Techniques** [videocassette]. National Pest Control Association (NPCA) rodent control series; 5.

Dunn Loring, VA: NCPA; c1990; 1/2" VHS, 10 min. Includes 1 training manual (16 leaves)

**Keyword:** Rodenticides, rodent control, baiting techniques, training.

**Note:** This National Pest Control Association Rodent Control Training Program (one of six videos) covers baiting techniques and bait placements. The program, authored by Edward Marshall, is designed to aid pest control service technicians in selecting proper bait material to control rodents with rodenticides. The accompanying manual includes practical training tips, program presentation recommendations, a pretest and a post test (with answers), suggested reference materials, and a commensal rodent pictorial identification key.

**NAL Call No:** Videocassette No. 1122.

35

**Bandaging and Splinting** [videocassette]. Davis, CA: The University of California at Davis; October 1977; U-Matic 3/4", 55 min.

**Keyword:** Dogs, veterinary medicine, coaptation splints, aluminum rod splints, plywood splints.

**Note:** Using the dog as a model, a veterinarian demonstrates proper methods of making and applying bandages and splints using a variety of materials.

**NAL Call No:** Videocassette No. 206.

36

**Barn Construction** [videocassette]. Lexington, KY: Blood-Horse Productions; c1984; 1/2" VHS, ca. 30 min.

**Keyword:** Stables, design, barns, construction, costs.

**Note:** Tours of several horse barns demonstrate factors such as fire safety, appearance, durability, function and cost which influence barn design.

**NAL Call No:** Videocassette No. 1896.



37

**Basic Horseshoeing Principles** [videorecording]. LaPorte, CO: Butler Publishing and Tools: c1992: VHS format, 55 min.

**Keyword:** Horseshoeing, hoof trimming, cold shoeing.

**Note:** Dr. Doug Butler demonstrates cold shoeing and hoof trimming techniques that are used in shoeing horses.

**NAL Call No.:** Videocassette No. 1904.

38

**Basic Sterile Cell Culture** [videocassette]. Logan, UT: Taped Technologies; c1992: 1/2" VHS, 14 min.

**Keyword:** Cell culture, techniques.

**Note:** Describes the various techniques used in growing sterile cell cultures.

**NAL Call No.:** Videocassette No. 1867.

39

**Basic T.E.A.M. with Llamas** [videocassette]. Olympia, WA: Juniper Ridge Press; c1990: 1/2" VHS, 112 min.

**Keyword:** Llamas, training, Linda Tellington-Jones, techniques.

**Note:** Presents the basics of the Tellington-Jones Equine Awareness Method (T.E.A.M.) as a way to train llamas.

**NAL Call No.:** Videocassette No. 1770.

40

**Beating Muscle Injuries in Horses** [videocassette]. West Bath, ME: Diamond Video Productions; 1981: 1/2" VHS, 72 min.

**Keyword:** Wounds and injuries, physiological aspects.

**Note:** Care and prevention of equine muscle injuries is detailed by the author Jack Meagher.

**NAL Call No.:** Videocassette No. 1934.

41

**Biology and Management of the Domestic Ferret** [videocassette]. Manhattan, KS: College of Veterinary Medicine; Kansas State University; 1991: 1/2" VHS, 17 min.

**Keyword:** Ferrets, pets, care, handling, feeding.

**Note:** Carol L. Jantzi describes the history and husbandry of the domestic ferret. Nutrition, housing, reproduction, and handling are discussed.

**NAL Call No.:** Videocassette No. 1571.

42

**Biomethodology of the Cat** [videocassette]. Manassas, VA: MTM Associates, Inc.; 1987: 1/2" VHS, 14 min, 50 sec.

**Keyword:** Cats, restraint, drug administration, blood collection, euthanasia, veterinary training.

**Note:** This film demonstrates to animal technicians basic techniques for handling, restraining, and manipulating cats for research. Covers removal from caging, injection routes, blood collection, and euthanasia. Laboratory Manual For Basic Biomethodology of Laboratory Animals: Vol. II Dogs, Cats, and Primates accompanies the videotape.

**NAL Call No.:** Videocassette No. 327.

43

**Biomethodology of the Dog** [videocassette]. Manassas, VA: MTM Associates, Inc.; 1987: 1/2" VHS, 14 min. 16 sec.

**Keyword:** Dogs, restraint, drug administration, blood collection, euthanasia, veterinary training.

**Note:** This film demonstrates for animal technicians the safe and humane techniques for manipulating dogs in research, including removal from caging, injection routes, blood collection, and euthanasia. Laboratory Manual For Basic Biomethodology of Laboratory Animals: Vol. II Dogs, Cats, and Primates accompanies the videotape.

**NAL Call No:** Videocassette No. 335.

44

**Biomethodology of the Guinea Pig** [videocassette]. Silver Spring, MD: MTM Associates; 1987: 1/2" VHS, 13 min. 27 sec.

**Keyword:** Laboratory animals, biomedical techniques, restraint, veterinary training.

**Note:** A demonstration of basic techniques involving guinea pigs, including identification, restraint, injection, blood withdrawal, and euthanasia.

**NAL Call No:** Videocassette No. 200.

45

**Biomethodology of the Laboratory Mouse** [videocassette]. Silver Spring, MD: MTM Associates; 1987: 1/2" VHS, 15 min.

**Keyword:** Laboratory animals, biomedical techniques, restraint, veterinary training.

**Note:** A demonstration of basic techniques involving laboratory mice, including identification, restraint, injection, blood withdrawal, and euthanasia.

**NAL Call No:** Videocassette No. 200.

46

**Biomethodology of the Primate** [videocassette]. Manassas, VA: MTM Associates, Inc.; 1987: 1/2" VHS, 15 min. 48 sec.

**Keyword:** Rhesus monkeys, restraint, tattooing, injection, stomach tube, nasal gastric gavage, blood withdrawal, euthanasia.

**Note:** This film demonstrates basic techniques for manipulating primates for research. It includes manual and chemical restraint, identification, injection routes, blood collection, and euthanasia. Laboratory Manual For Basic Biomethodology of Laboratory Animals: Vol. II Dogs, Cats, and Primates accompanies the videotape.

**NAL Call No:** Videocassette No. 336.

47

**Biomethodology of the Rabbit** [videocassette]. Silver Spring, MD: MTM Associates, Inc.; 1987: 1/2" VHS, 14 min. 49 sec.

**Keyword:** Laboratory animals, biomedical techniques, restraint, veterinary training.

**Note:** A demonstration of basic techniques involving laboratory rabbits, including identification, restraint, injection, blood withdrawal, and euthanasia.

**NAL Call No:** Videocassette No. 200.

48

**Biomethodology of the Rat** [videocassette]. Silver Spring, MD: MTM Associates: 1987; 1/2" VHS. 16 min. 33 sec.

**Keyword:** Laboratory animals, biomedical techniques, veterinary training.

**Note:** A demonstration of basic techniques involving laboratory rats, including identification, restraint, injection, blood withdrawal, and euthanasia.

**NAL Call No:** Videocassette No. 200.

49

**Biovideo: Animal Senses** [videocassette]. Burlington, NC: Carolina Biological Supply Company: 1987; 1/2" VHS, 30 min.

**Keyword:** Stereoscopic vision, echolocation, pheromone, wild animals.

**Note:** An instructional program appropriate for high school and college science students, it explains how the major senses work and their importance to animal behavior and environmental adaptation. The anatomy and physiology of sight, hearing, smell, taste, touch, feeling, and balance are clearly illustrated using animations, diagrams, and live animals. Vertebrates and insects are emphasized. A manual accompanies the videocassette.

**NAL Call No:** Videocassette No. 427.

50

**Blood Collection from Birds** [videocassette]. Madison, WI: National Wildlife Health Research Center (U.S.); 1989; 1/2" VHS, 19 min., 10 sec.

**Keyword:** Birds, physiology, blood collection and preservation.

**Note:** Joshua F. Dein shows how to draw blood samples from birds and discusses factors to be considered when collecting the blood such as anatomic location, animal restraint and positioning, site identification and preparation, and how much blood to draw per bird.

**NAL Call No.:** Videocassette No. 1286.

51

**Bovine Restraint** [videorecording]. East Lansing, Michigan: Michigan State University; c1976; 1/2" VHS, 12 min., 20 sec.

**Keyword:** Cattle, handling, restraint.

**Note:** Demonstrates a number of ways to restrain cows including the use of the rope halter, nose lead, and burley casting methods.

**NAL Call No:** Videocassette No. 2042.

52

**Breaking Barriers** [videocassette]. Washington, DC: People for the Ethical Treatment of Animals (PETA); 1986; 1/2" VHS, 16 min.

**Keyword:** Environmental enrichment, macaques, chimpanzees, marmosets, medical research, laboratory animal facilities.

**Note:** This videotape contains footage of laboratory animal facilities at SEMA, Inc.; in Rockville, MD. Primates, infected with human pathogens, are housed in isolation or in stimuli-deprived environments. The film cites abnormal behaviors exhibited by the caged primates, including stereotypic behaviors and unusual vocalizations, as proof that

the primates are housed and managed inhumanely.  
NAL Call No: Videocassette No. 558.

53  
**Breaking Yearlings** [videocassette]. Lexington, KY: Blood-Horse Productions: c1985; 1/2" VHS, 38 min.

**Keyword:** Horses, yearlings, breaking, training for racing.

**Note:** Shows step by step procedures that professionals have found successful in breaking yearlings and developing race horse potential.

NAL Call No.: Videocassette No. 1895.

54  
**Britches** [videocassette]. Washington, DC: People for the Ethical Treatment of Animals (PETA): 1986; 1/2" VHS, 16 min.

**Keyword:** Laboratory animals, primates, ALF, stress, medical research, macaques.

**Note:** On April 20, 1985, the Animal Liberation Front (ALF) broke into a research facility at the University of California at Riverside. Activists removed cats, rabbits, pigeons, mice, opossums, and a young macaque identified as "Britches." This video documents the "rescue" of the primate from the research facility. The film concludes by encouraging viewers to protest government-funded animal research.

NAL Call No: Videocassette No. 554.

55  
**Broodmare Management** [videocassette]. Lexington, KY: Blood-Horse Productions; c1984; 1/2" VHS, 32 min.

**Keyword:** Thoroughbred horse breeding, mares, management.

**Note:** Describes a management program for the breeding of thoroughbred horses, with emphasis on the care and preparation of the mare. Discusses the use of artificial lighting, a teasing program, rectal palpation, use of hormones, diagnostic ultra-sound examination, endoscopic examination, clinics for infertile mares, breeding sheds, and the shipping of foaling mares. The intended audience for this program is thoroughbred horse breeders.

NAL Call No.: Videocassette No. 1891.

56  
**Brookfield Zoo: Keeper Orientation** [videocassette]. Chicago, IL: Brookfield Zoo; 1990; 1/2" VHS, 22 min.

**Keyword:** Training, maintenance, care, handling, behavior.

**Note:** This introductory training videotape describes keeper duties and responsibilities from the start of their day to the end. Emphasis is placed on maintenance, cleaning, feeding, medicating, observation, and animal behavior.

NAL Call No: Videocassette No. 1289.

57  
**BST & Milk: Issues & Answers** [videocassette]. [?]: Produced by Image Base in cooperation with American Medical Television; c1993; 1/2" VHS, 20 min. 30 sec.



**Keyword:** Bovine somatotropin, bST, dairy cattle, milk production, milk safety, composition of milk.

**Note:** Explores the issues surrounding the use of bovine somatotropin (BST) in cows to increase milk production. Program describes how BST works to stimulate milk production, and supports the argument that it is safe for humans to consume milk with BST. Features statements by leading experts, including M. Roy Schwarz, Dennis M. Bier, Sanford A. Miller, Ronald E. Kleinman, Richard H. Phipps and Dennis Avery. The program was funded by Monsanto.

**NAL Call No.:** Videocassette No. 1715.

58

**BST: Continuing a Dairy Tradition** [videocassette]. St. Louis, MO: Monsanto Company; 1988; 1/2" VHS, 11 min.

**Keyword:** Bovine somatotropin, biotechnology, milk.

**Note:** Experts in animal science, human health, and agricultural economics answer important questions from Wisconsin dairy farmer Greg Mell. The film serves as a general overview of the nature of bovine somatotropin, including its use and safety.

**NAL Call No.:** Videocassette No. 458.

59

**Caesarean Birth** [videocassette]. Davis, CA: University of California; 1977; U-Matic 3/4", 25 min.

**Keyword:** Dogs, Caesarean section, surgery, veterinary training.

**Note:** A training film for students of veterinary medicine, this program illustrates proper procedures and techniques involved in performing a Caesarean operation. A dog is used as a model.

**NAL Call No.:** Videocassette No. 218.

60

**Cage Sanitation: Use of Chemical Disinfectants** [slide]. Seattle, WA: University of Washington; 1984; 56 slides, audiocassette, 13 min.

**Keyword:** Disinfection, sterilization, laboratory animal facilities, cages, veterinary training.

**Note:** Presents information on how the three classes of disinfectants are used in animal facilities. A complete cycle of small cage sanitation is demonstrated for a large facility using automatic cage-washing equipment.

**NAL Call No.:** Slide No. 230.

61

**Caging Systems, Bedding Materials & Environmental Considerations for Laboratory Rodents** [slide]. Seattle, WA: University of Washington; 1985; 53 slides, audiocassette, 22 min.

**Keyword:** Cages, laboratory animal facilities, environmental factors, veterinary training.

**Note:** This program presents the rationale for the selection of cage style and bedding materials for laboratory rodents. Also discussed is the importance of controlling factors in the immediate environment, including temperature, humidity, light cycle, and noise.

**NAL Call No.:** Slide No. 237.

62

**Calving Time Management/Equipment** [videocassette]. Part of the series "Video programs for education business industry." Ames IA: Iowa State University. Cooperative Extension Service; RMI Media Productions; and WOI-TV (Television station). Distributed by RMI Media Productions, of Shawnee Mission, KS: 1980?: 1/2" VHS, 24 min.

**Keyword:** Cattle parturition, birthing.

**Note:** Basics management of the calving process. Descriptions of needed equipment and basic techniques are discussed.

**NAL Call No.:** Videocassette No. 1440.

63

**Canine Control Officer/Kennel Worker** [filmstrip]. Mahwah, NJ: Troll Associates: 1975; 35 mm, 7 min.

**Keyword:** Pets, vocational guidance, juvenile films.

**Note:** Made for the Humane Society of the United States, this film focuses on careers related to kennels and on the control of pet populations. Intended for elementary grades.

**NAL Call No.:** Filmstrip No. 199.

64

**Careers in the Horse Industry: Unbridled Opportunities** [videocassette]. Washington, DC: Colorado State University, Public Relations Department, Equine Sciences Program, Extension Horse Program; 1990; 1/2" VHS, 24 min.

**Keyword:** Interviews, industry, vocations, youth, education.

**Note:** Designed for youth interested in horses and seeking careers and opportunities within the horse industry. It features interviews with people in all aspects of the industry, including trainers, veterinarians, sales agents, advertisers, photographers, computer specialists, lawyers, and journalists.

**NAL Call No.:** Videocassette No. 1318.

65

**Careers in Veterinary Medicine: a Rainbow of Choices** [videocassette]. Raleigh, NC: North Carolina State University, College of Veterinary Medicine; c1992; 1/2" VHS, 20 min.

**Keyword:** Veterinary medicine, career opportunities, vocational guidance.

**Note:** Discusses various opportunities in the field of veterinary medicine in the fields of small animal, large animal, equine, zoo animal practice; public health; and research. Does not mention careers in state or federal regulatory positions or in the pharmaceutical industry.

**NAL Call No.:** Videocassette No. 1771.

66

**Caring for Life** [videocassette]. Washington, DC: Foundation For Biomedical Research; 1985; 1/2" VHS, U-Matic 3/4", 10 min. 30 sec.

**Keyword:** Careers, veterinary nurse, laboratory animals, veterinary medicine, vocational education.

**Note:** A description of the varied job role of a veterinary nurse. Two certified veterinary nurses working at a laboratory animal rescue facility discuss various aspects of their job and their reasons for entering this field. Suitable for elementary and high school students.

**NAL Call No.:** Videocassette No. 145.

67

**Carnivore Restraint and Handling** [slide]. San Diego, CA: San Diego Zoological Society and Davis, CA: University of California; 1981; 112 slides, audiocassette, 25 min.

**Keyword:** Tigers, foxes, wolves, bears, ferrets, raccoons, hyenas, mongooses, zoo animals, restraint, handling.

**Note:** This slide set demonstrates techniques for restraining and handling various species of wild carnivores representing the following family groups: Felidae, Canidae, Ursidae, Mustelidae, Procyonidae, and Viverridae. Proper techniques related to cleaning, feeding, chemical immobilization, and administering medicines are covered. A script accompanies the slide set.

**NAL Call No:** Slide No. 195.

68

**Carnivores: Basic Needs, Handling and Care** [videocassette]. Closter, NJ: Production Plus, Inc.; 1990; 1/2" VHS, 32 min.

**Keyword:** Animal welfare, laboratory animals, cats, dogs, ferrets, minks.

**Note:** Videotape of a presentation at the symposium Animal Welfare Compliance for Study Directors, presented at the Eleventh Annual Meeting of the American College of Toxicology in Orlando, FL, October 1990. The video focuses on the basic needs of dogs and cats, including air, food, water, environmental controls, and social interaction. Available guidelines, regulations, resource information, and training manuals are covered. Also discussed are methods of disease prevention, identification, housing, and exercise and the basic care and handling required for ferrets and mink.

**NAL Call No:** Videocassette No. 971.

69

**Cat Care: A Video Guide to Successful Cat Care** [videocassette]. New York, NY: United Media Productions; 1985; 1/2" VHS, 43 min.

**Keyword:** Cats, cat care, veterinary care.

**Note:** This is one of a series of tapes on animals by Dr. Michael Fox. In this tape he shares the secrets to adopting, owning, and caring for your cat. Tips are given on eliminating fleas, vaccinations, illness, spaying/neutering, behavior, and massaging your cat. Proper care and understanding of your cat are addressed.

**NAL Call No:** Videocassette No. 908.

70

**Cats: Caressing the Tiger** [videocassette]. Washington, D.C.: National Geographic Society; 1991; 1/2" VHS, 60 min. "No. 51478".

**Keyword:** Cats, behavior, domestic vs wild.

**Note:** A comparison of domestic cats to wild cats is used to explain the behavior of domestic cats.

**NAL Call No.:** Videocassette No. 1163.

71

**Cattle Handling and Transportation** [videocassette]. Madison, WI: Livestock Conservation Institute; 1988; 1/2" VHS, 16 min.

**Keyword:** Intensive livestock farming, behavior, loading equipment, cattle.

**Note:** This training video explains the basics of cattle behavior as it relates to moving and transporting livestock efficiently and humanely. Vision, reaction to noise, flight zone, natural circling, and following behavior are discussed. Other topics include overcrowding in pens, use of squeeze chutes, loading and unloading trucks, truck-driving techniques, and temperature stress during transportation.

**NAL Call No:** Videocassette No. 422.

72

**Changing Relationship Between Humans and Animals** [videocassette]. Minneapolis, MN: University of Minnesota; 1986; 1/2" VHS, 45 min.

**Keyword:** Pets, intensive livestock farming, biological diversity, technology, future, ethics.

**Note:** Moderator Dr. David Garloff and panelists Drs. Joe Quigley and John Brantner, all of the University of Minnesota, consider changes in the human-animal relationship resulting from modern technology. The panelists address the following questions: What would a world without animals be like? Do we need animals anymore? Why do we have animals if we do not need them? One panelist concludes that as the world becomes more dependent on technology, animals will become less important. Agricultural animals and pets are emphasized in the discussion.

**NAL Call No:** Videocassette No. 321.

73

**Chicken for Dinner?** [videocassette](also called Sentenced for Life). Potomac, MD: United Poultry Concerns, Inc.; 1990; 1/2" VHS, 15 min.

**Keyword:** Battery systems, broilers, intensive housing, welfare.

**Note:** Produced by Chickens' Lib, this production documents the conditions of poultry in the broiler industry. Issues such as overcrowding, cannibalism, and conformation are addressed.

**NAL Call No:** Videocassette No.1288.

74

**Cleveland City Club Forum Debate: Animals in Medical Research** [videocassette]. Cleveland, OH: Cuyahoga Community College; 1989; 1/2" VHS, 60 min.

**Key words:** Animal rights, debate, medical research, PETA.

**Note:** Robert J. White, M.D., Ph.D., and Ingrid Newkirk of People for the Ethical Treatment of Animals (PETA) debate issues of the use of animals in medical research.

**NAL Call No:** Videocassette No. 907.

75

**Commensal Rodents: Biology & Behavior** [videocassette]. National Pest Control Association (NCPA) rodent control series; 1. Dunn Loring, VA: NCPA; c1990; 1/2" VHS, 15 min. Includes 1 manual (17 leaves).

**Keyword:** Rats, (*Rattus norvegicus*), mice, behavior, physiology, controls, training.

**Note:** This National Pest Control Association Rodent Control Training Program (one of six videos) examines the biology and behavior of three commensal rodents, the Norway rat (sewer rat), the roof rat (wharf rat) and the house mouse. The purpose of this video



training program is to increase the pest control service technician's knowledge of the habits of these pests, thereby enabling them to design effective control programs. The accompanying manual includes practical training tips, program presentation recommendations, a pretest and a post test (with answers), suggested reference materials, and a commensal rodent pictorial identification key.

**NAL Call No.:** Videocassette No. 1039.

76

**Common Ground: Farming and Wildlife** [videocassette]. Alexandria, VA: National Audubon Society, Turner Broadcasting System, and WETA; 1987; 1/2" VHS, 57 min.

**Keyword:** Organic farming, ecology, habitat, sustainable agriculture, pesticides, herbicides, crop rotation.

**Note:** In recent years farmers have realized what escalating use of pesticides and herbicides are doing to the land, wildlife, and human health. This video illustrates how farmers are joining with conservationists, as well as land and soil managers, to save soil, water, wildlife, and the farm. The program highlights methods of raising crops that can benefit farming and work with nature's abundance for generations to come. A teacher's guide accompanies the tape.

**NAL Call No:** Videocassette No. 1147.

77

**Composting Poultry Mortality** [videorecording] College Park, MD: University of Maryland System, Cooperative Extension Service; c1992; 1/2" VHS, 17 min.

**Keyword:** Poultry, dead animals, disposal, composting, organic fertilizer.

**Note:** Demonstrates the applications of composting as a practical, economical, and environmentally safe alternative method of disposing of dead birds resulting from normal poultry farm mortality.

**NAL Call No:** Videocassette No. 1942.

78

**Conformation.** [videocassette]. Lexington, KY: Blood-Horse Productions; c1985; 1/2" VHS, ca. 40 min.

**Keyword:** Horses, conformation, training, defects.

**Note:** Illustrates good horse conformation and examples of conformation defects, some of which may be acceptable to trainers and some not acceptable.

**NAL Call No.:** Videocassette No. 1894.

79

**Connections: Animals, People and Biotechnology** [videocassette]. St. Louis, MO: Monsanto Company; 1990; 1/2" VHS, 19 min.

**Keyword:** Animal welfare, genetic engineering, feed utilization efficiency, animal experimentation.

**Note:** This video introduces the audience to the use of animals and new biotechnological techniques to assist both man and animal.

**NAL Call No:** Videocassette No. 721.

80

**Control of Ventilation: Effects of Chemo and Mechano Receptors** [videocassette]. Davis, CA: University of California; 1988; 1/2" VHS, 40 min.

**Keyword:** Dog, anesthesia, veterinary medicine, surgery.

**Note:** This program demonstrates the effects of chemical and mechanical receptors on ventilation in mammals. It examines the physiological responses of a dog after administration of various gases.

**NAL Call No:** Videocassette No. 409.

81

**Controlling Grass Tetany** [videocassette]. Mundelein, IL : IMC Fertilizer, Inc., with USDA. Agricultural Research Service. North Atlantic Area; 199-?: 1/2" VHS, 12 min.

**Keyword:** Cattle, grass tetany, causes, control, magnesium sulfate.

**Note:** Discusses various factors that can cause grass tetany in cattle and the different ways that it can be controlled such as by adding magnesium sulfate to drinking water or adding magnesium to silage.

**NAL Call No.:** NAL Videocassette No.1734.

82

**Cow Handling** [videocassette]. Davis, CA: University of California; 1980; U-Matic 3/4", 19 min. (Vol. 1), 40 min. (Vol. 2).

**Keyword:** Cows, restraint, handling, veterinary medicine, biomedical techniques.

**Note:** Volume 1 demonstrates techniques for manually restraining the cow. The tape illustrates the use of the halter, nose ring, nose lead, and hobbles, and demonstrates techniques for manipulating the tail and preventing kicks. Volume 2 demonstrates the following biomedical procedures: blood collection, vein location, bone marrow biopsy, injections, drenching, minor teat surgery, treatment of displaced abomasum and carcinoma of the eye, and use of the stomach tube, dose syringe, balling gun, and speculum.

**NAL Call No:** Videocassette No. 227.

83

**Dance of Death** [videocassette]. Boston: World Society for the Protection of Animals; 1991; 1/2" VHS, 8 min.

**Keyword:** Bulls, bullfights, animal welfare, pain.

**Note:** Shows the pain and suffering inflicted on a bull during a bullfight.

**NAL Call No.:** Videocassette No. 1709.

84

**Dehorning Cattle** [videocassette]. San Luis Obispo, CA: Da-Nel Productions; Vocational Education Productions; 1985; 1/2" VHS, 25 min.

**Keyword:** Dehorning, cattle, techniques, horns, physiology, purpose, animal welfare.

**Note:** Discusses why and when cattle are dehorned. Provides information on horn growth and its physiology. Gives techniques used and at what age. Demonstrates several methods of dehorning. Discusses restraint and veterinary care needs.

**NAL Call No:** Videocassette No. 844.

85

**Development and Reproduction of Mice in a Laboratory Setting** [slide]. Seattle, WA: University of Washington; 1983; 39 slides, audiocassette. 15 min.

**Keyword:** Mice, laboratory animals, reproduction, husbandry.

**Note:** An interactive program in which the viewer is provided with facts about normal mouse development and reproduction, and is asked to apply these facts to animal care situations. Supervised practice with live animals at the time of presentation is recommended to reinforce the learning experience and to encourage skill-building and confidence.

**NAL Call No:** Slide No. 232.

86

**Diseases of Laboratory Animals as Complications of Biomedical Research** [slide]. Pullman, WA: Washington State University; 1975; 39 slides, audiocassette, 21 min.

**Keyword:** Disease control, pathogenesis, public health, enzootic simian viruses, *Pseudomonas aeruginosa*.

**Note:** Presented is basic information concerning laboratory animal medicine and diseases intended for veterinary and other biomedical science students. The program examines causative agents and disease control. A script accompanies the slide set.

**NAL Call No:** Slide No. 225.

87

**Dissection and Anatomy of the Brain** [videocassette]. Omaha, NE: Nebraska Scientific; 1989; 1/2" VHS, 23 min.

**Keyword:** Brain, dissection, anatomy, sheep.

**Note:** This video uses a sheep brain to show mammalian brain characteristics. Discusses brain development and function while demonstrating the dissection. A worksheet accompanies the video.

**NAL Call No:** Videocassette No. 834.

88

**Dissection and Anatomy of the Cat** [videocassette]. Omaha, NE: Nebraska Scientific; 1988; 1/2" VHS, 46 min.

**Keyword:** Cat, dissection, anatomy.

**Note:** This video covers external and internal anatomy of the cat. Mammalian characteristics are discussed. A worksheet accompanies the video.

**NAL Call No:** Videocassette No. 869.

89

**Dissection and Anatomy of the Eye** [videocassette]. Omaha, NE: Nebraska Scientific; 1989; 1/2" VHS, 16 min.

**Keyword:** Eye, dissection, anatomy.

**Note:** Discusses the dissection and anatomy of the eye. Utilizes a bovine eye and plastic model. A worksheet accompanies the video.

**NAL Call No:** Videocassette No. 848.

90

**Dissection and Anatomy of the Fetal Pig** [videocassette]. Omaha, NE: Nebraska Scientific; 1988; 1/2" VHS, 26 min.

**Keyword:** Swine, embryo, training, alternative, veterinary.

**Note:** This film provides a view of the anatomy of the fetal pig as dissection takes place.

**NAL Call No:** Videocassette No. 795.

91

**Dissection and Anatomy of the Heart** [videocassette]. Omaha, NE: Nebraska Scientific; 1989; 1/2" VHS, 15 min.

**Keyword:** Heart, dissection, anatomy, mammal.

**Note:** Covers characteristics of the mammalian heart. Plastic model (human) and fetal pig used to demonstrate dissection. Anatomy, physiology, and function discussed. A worksheet accompanies the video.

**NAL Call No:** Videocassette No. 833.

92

**Dissection and Anatomy of the Rat** [videocassette]. Omaha, NE: Nebraska Scientific; 1988; 1/2" VHS, 31 min.

**Keyword:** Veterinary, training, alternative.

**Note:** Taking you through step-by-step, this training video provides you with the complete dissection and anatomy of the rat.

**NAL Call No:** Videocassette No. 793.

93

**Dissection and Anatomy of the Shark** [videocassette]. Omaha, NE: Nebraska Scientific; 1988; 1/2" VHS, 26 min.

**Keyword:** Shark, dissection, anatomy.

**Note:** Gives a brief history and information on sharks. Uses a dogfish shark to demonstrate dissection of the internal and external anatomy. A worksheet accompanies the video.

**NAL Call No:** Videocassette No. 794.

94

**Do Animals Reason?** [motion picture]. Washington, DC: National Geographic Society; 1975; 16 mm, 14 min.

**Keyword:** Triggerfish, starlings, dolphins, chimpanzees, animal behavior, intelligence.

**Note:** Demonstrating classic and contemporary animal behavior experiments using fish, birds, and mammals, this film introduces students to the learning abilities of animals. A teacher's guide accompanies the film.

**NAL Call No:** Motion Picture No. 188.

95

**Do Animals Think and Feel?** [videocassette]. Minneapolis, MN: University of Minnesota; 1986; 1/2" VHS, 45 min.

**Keyword:** Animal behavior, intelligence, language, cognitive neuropsychology, splitbrain operations.



**Note:** University of Minnesota faculty members Gail Peterson (psychologist) and Joe Quigley (veterinarian) discuss animal behavior, consciousness, learning, intelligence, and emotions. Comparisons and contrasts are made between the mental and emotional processes of animals and humans. The panelists respond to audience questions.

**NAL Call No:** Videocassette No. 319.

96

**Dog Lab: An Unnecessary Exercise** [videocassette]. Washington, DC: People For the Ethical Treatment of Animals; 1987; 1/2" VHS, 16 min.

**Keyword:** Surgery, education, biomedical techniques, dogs.

**Note:** Taped segments obtained in 1987 from an East Carolina University surgical training class highlight questionable surgical techniques performed on a dog. The narrator asserts that the instructor was callous, unprofessional, and inept.

**NAL Call No:** Videocassette No. 555.

97

**Dogsteps: A Study of Canine Structure and Movement** [videocassette]. River Farm, NY: Racheal Page Elliot; 1988; 1/2" VHS, 67 min.

**Keyword:** Anatomy, structure, conformation, physiology, gait.

**Note:** Illustrates some of the features that lend quality to a dog's overall conformation and to its performance. This video also examines some of the physical virtues and faults that can help or hinder groundcovering ability and serviceability. Also addressed are traits that help particular dog species meet particular requirements.

**NAL Call No:** Videocassette No. 1353.

98

**Don't Kill the Animals** [videocassette]. Washington, DC: People for the Ethical Treatment of Animals, Inc.; 1988; 1/2" VHS, 7 min.

**Key words:** Animal experimentation, ethic, morals, animal liberation, animal rights.

**Note:** This video consists of "break-in" footage set to music. Vegetarianism is promoted, while research, farming, fur production, and hunting are criticized.

**NAL Call No:** Videocassette No. 846

99

**Elephant** [videocassette]. Washington, DC: National Geographic Society; 1989; 1/2" VHS, 60 min.

**Keyword:** Behavior, communication, endangered, poaching.

**Note:** From Sri Lanka to Kenya, this production takes an in-depth look at the elephant and its precarious future, as well as the behavior of elephants in the wild.

**NAL Call No:** Videocassette No. 1154.

100

**Elephant Care and Handling** [slide]. San Diego, CA: San Diego Zoological Society and Davis, CA: University of California at Davis; 1981; 75 slides, audiocassette, 20 min.

**Keyword:** Asian elephants, African elephants, zoo animals, chaining, bull hooks, chemical immobilization, toenail trimming.

**Note:** This training film for zoo caretakers details topics related to the care and handling of

captive Asian and African elephants. The following subjects are discussed and illustrated: taxonomy, anatomy, cleaning, feeding, and restraint.

NAL Call No: Slide No. 191.

101

**Emergency Care** [videocassette]. Lexington, KY: Blood-Horse Productions; c1984; 1/2" VHS. ca. 32 min.

**Keyword:** Horses, diseases, injuries, veterinary care, diagnosis, physical examination.

**Note:** A veterinarian demonstrates a routine physical examination which could be performed by a farm manager when faced with a sick or injured horse.

NAL Call No.: Videocassette No. 1898.

102

**Environmental Enrichment: Advancing Animal Care** [videocassette]. Potters Bar, Herts, England: Universities Federation for Animal Welfare; 1990; 1/2" VHS. 37 min.

**Keyword:** Housing, environmental engineering, zoo animals, animal welfare, design.

**Note:** Primarily aimed at individuals responsible for the care of animals in captivity, the video explores the physical and behavioral needs of zoo animals and gives practical suggestions for improving their lives. A straightforward guide to carrying out an enrichment program is provided.

NAL Call No: Videocassette No. 1327.

103

**Exodus at Yellowstone: The Second Catastrophe** [videocassette]. Sacramento, CA: Animal Protection Institute of America; 1989; 1/2" VHS. 30 min.

**Keyword:** Hunting, bison, ecology, wildlife.

**Note:** In the winter of 1989, following a severe drought and fire that destroyed food supplies within the park, large numbers of bison were shot after straying beyond Yellowstone National Park boundaries. Various animal protection advocates voice their protests over bison hunting, which is sanctioned by the Montana State Department of Wildlife.

NAL Call No: Videocassette No. 547.

104

**External Parasites of Dogs and Cats** [videorecording]. [United States]: Ciba Animal Health Division; 1993; 1/2" VHS. Includes a manual.

**Keyword:** Dogs, fleas, ticks, external parasites.

**Note:** This set of 2 video cassettes pertains to external parasites such as fleas and ticks. Part 1 addresses diagnosis and control of external parasites on dogs and cats. Part 2 describes ways to control these pests.

NAL Call No.: Videocassette No. 2037.

105

**External Physical Exam of the Dog** [videocassette]. Davis, CA: University of California, Davis; 1981; U-Matic 3/4", 12 min.

**Keyword:** Dogs, palpation, pupillary response, occlusion, veterinary medicine.

**Note:** A veterinarian describes and demonstrates techniques necessary for conducting a general

physical examination of a dog. Examination of the ears, eyes, nose, mouth, muscle and bone structure, feet, rectum, gonads, and internal organs is demonstrated.

**NAL Call No:** Videocassette No. 225.

106

**Facing the Animal Rights Challenge** [videocassette]. Animal Health Institute: Alexandria, VA: 1985; 49 slides, audiocassette, 7 min.

**Keyword:** Farm animals, animal welfare, legislation.

**Note:** Directed at livestock producers, this slide presentation answers these questions: Who are animal rights groups? What are their origins? What do they want to accomplish? What can producers do? The audience is given tips on how to best deal with animal rights demonstrators and how to influence legislation affecting livestock production.

**NAL Call No:** Slide No. 289.

107

**Fancy footwork. Horseowner's Guide to Sound Shoeing Practices** [videocassette]. Publisher Equalign; c1992; 1/2" VHS. 60 min.

**Keyword:** Horseshoeing.

**Note:** Meredith Clarke explains the intricate relationship between the structure and function of the foot, and correct shoeing procedures.

**NAL Call No.:** Videocassette No. 1903.

108

**Farm Animal Behavior Research** [videocassette]. Beltsville, MD: National Program Staff, Agricultural Research Service, USDA; June 8, 1990; 1/2" VHS, 100 min.

**Keyword:** Animal behavior, swine behavior, animal welfare, behavioral research.

**Note:** A videotaping of a seminar given by Dr. Stanley Curtis. Discusses current research in farm animal behavior, with emphasis on swine behavioral research. Addresses issues such as farm animal welfare, psychological well-being, and animal awareness.

**NAL Call No.** Videocassette No. 906.

109

**Farm Animal Welfare** [videorecording]. London? Ministry of Agriculture Fisheries and Food. 199-? 1/2" VHS, 17 min., 11 sec.

**Keyword:** Animal welfare, Great Britain.

**Note:** Discusses various issues of animal welfare for farm animals in Great Britain.

**NAL Call No.:** Videocassette No. 2044.

110

**Farm Animals with Care** [videocassette]. England: Datascope Communications (produced for Glaxo Group Research in association with the Institute of Animal Technology); 1991; 1/2" VHS, 2 videocassettes, 65 min.

**Keyword:** Animal welfare, animal health, livestock, housing.

**Note:** A two volume series that illustrates regimes for housing and care of sheep, goats, pigs, cattle, and poultry, and provides breeding information and demonstrations of routine health care procedures and blood sampling techniques.

**NAL Call No:** Videocassette No. 1359.



111

**Fleas: Biology and Control** [videocassette]. Dunn Loring, VA: National Pest Control Association Education Committee and Purdue University of West Lafayette, IN: c1989; 1/2" VHS, 29 min. Includes a training manual (1983).

**Keyword:** Fleas, identification, behavior, control, biology, training program.

**Note:** The biology, identification, and behavior of fleas and the techniques used to control fleas are discussed in this National Pest Control Association (NPCA) audio-visual training program for pest control service technicians. The four steps involved in eliminating a flea infestation are covered: 1) inspection, 2) sanitation, 3) pet treatment, and 4) treatment of the premises. Flea bites and diseases transmitted by fleas are described. This training package includes a video, practical training tips, program presentation recommendations, a pretest and a post test (with answers), and a program script.

**NAL Call No.:** Videocassette No. 1113.

112

**Foal Management** [videocassette]. Lexington, KY: Blood-Horse Productions; c1984; 1/2" VHS, ca. 30 min.

**Keyword:** Visits to several horse breeding farms afford an insight into the importance of early handling, vaccination and feeding programs, illnesses common to the young horse, and proper hoof care.

**NAL Call No.:** Videocassette No. 1892.

113

**Foaling** [videocassette]. Lexington, KY: Blood-Horse Productions; c1984, 1/2" VHS, ca. 28 min.

**Keyword:** Horses, mares, birth management, foaling.

**Note:** Discusses the preparations for producing a healthy foal and the proper procedures for handling the birth.

**NAL Call No.:** Videocassette No. 1893

114

**Foaling Fundamentals: A Video Handbook for Healthy Foaling** [videorecording]. Virginia City, NV: VideoVelocity; c1989; 1/2" VHS, 52 min. Includes a guide book.

**Keyword:** Foals, birth, postnatal care, mares, reproduction.

**Note:** Covers care of pregnant mare, foaling equipment and facilities, and all aspects of postnatal care.

**NAL Call No.:** Videocassette No. 2011.

115

**Foaling Your Mare** [videorecording]. Cuba, NY: Hemlock Brook Farm; c1988, 1/2" VHS, 50 min.

**Keyword:** Mares, foals, reproductive cycle, birth process, normal and abnormal delivery.

**Note:** The video illustrates the reproductive cycle in the mare from conception to foaling to weaning. See the birth of several foals, including hard deliveries, and learn what to look for in case of trouble and how to help your mare deliver a healthy live foal.

**NAL Call No.:** Videocassette No. 1939.

116

**Food Safety and Animal Drugs: Testing, Testing, Testing** [videocassette]. Alexandria, VA: Animal Health Institute; c1992; 1/2" VHS, 11 min., 42 sec; Includes 1 brochure.

**Keyword:** Veterinary drugs, United States, veterinary drug residues, food animal products, testing, drug approval process.

**Note:** Shows the procedures for testing and approving new animal drugs to ensure they will not negatively effect the safety of animal food products.

**NAL Call No.:** Videocassette No. 1530.

117

**Fundamentals of Blood Gas Analysis: Collection, Measurement and Interpretation** [videocassette]. Davis, CA: University of California at Davis; 1987; 1/2" VHS, 33 min.

**Keyword:** Veterinary hematology, pulmonary function tests, anesthesia, blood gas analyzer.

**Note:** This program examines three components of blood gas analysis: sample collection, measurement of samples, and interpretation of results. It explains how blood gas analysis can be used to gain information about gas exchange, acid/base balance, and ventilatory status during anesthesia. The film also examines the function and applications of an automatic blood gas analyzer.

**NAL Call No:** Videocassette No. 408.

118

**Gait...Observing Dogs in Motion** [videocassette]. New York, NY: The American Kennel Club; 1986; 1/2" VHS, 37 min.

**Keyword:** Walking, movement, structure, conformation.

**Note:** This AKC production analyzes the way in which dogs move, so as to better understand this key element in breeding for the ideal dog of specific species. All dogs don't move alike but their movement is linked to the job for which the species was bred. This was designed as a learning tool for dog trial and show judges.

**NAL Call No:** Videocassette No. 1352.

119

**Gnotobiotic Pig Production** [videocassette]. West Lafayette, IN: Purdue Research Foundation; 1985; 1/2" VHS, 22 min.

**Keyword:** Germ-free, pigs, disinfection, isolation bubbles, laboratory animal facilities, Cesarean section.

**Note:** Gnotobiotic pigs are important as research models and disease-free seed stock for commercial producers. This video details the equipment and methods of surgery, transfer, and rearing required for the production of piglets in a germ-free environment.

**NAL Call No:** Videocassette No. 474.

120

**Gnotobiotics in Production of Experimental Animals** [slide]. Seattle, WA: University of Washington; 1975; 47 slides, audiocassette, 22 min.

**Keyword:** Laboratory animals, germ-free animals, instruction.

**Note:** The development, maintenance, and use of the isolator for production of experimental animals, sterilization of isolators and supplies, and microbiologic monitoring techniques

are discussed.

NAL Call No: Slide No. 219.

121

**Gorilla** [videocassette]. Washington, DC: National Geographic Society and WQED of Pittsburgh. Distributed by Vestron Video of Stamford, CT; [1986], c1981; 1/2" VHS, 59 min. ISBN: 0805100040. The cassette is closed captioned for the hearing impaired. Previously issued as motion picture and videorecording in 1981 by National Geographic Society of Washington, DC.

**Keyword:** Mountain gorillas, endangered species, behavior, interactions with humans.

**Note:** This program was produced by the Society, WQED/Pittsburgh and Vestron. It was broadcast April 8, 1981 by PBS. The authors are Thomas Skinner, Dennis Kane, Barbara Jampel. It calls attention to the plight of the gorilla, which is on the verge of extinction. Profiles a zookeeper, a research scientist, a research psychologist, a writer-photographer, and a husband and wife team working on the mountain gorilla project. Film footage demonstrates the animals' intelligence, humanlike qualities, and the effects of their exploitation by humans.

NAL Call No.: Videocassette No. 1105.

122

**Granby's Primates** [videocassette]. New York, NY: Film Makers Library, Inc.; 1983; 1/2" VHS, 28 min.

**Keyword:** Gorillas, orangutans, chimpanzees, gibbons, zoo animals, behavior, environmental enrichment.

**Note:** An experiment conducted at the Granby Zoo in Quebec shows how the behavior of captive primates is modified by changes in their environment. Climbing structures are introduced to relieve boredom and to stimulate more naturalistic behaviors.

NAL Call No: Videocassette No. 402.

123

**Handling and Restraining Laboratory Rodents** [slide] Seattle, WA: Northwest Committee for Training in Laboratory Animal Care and Health Sciences Center for Educational Resources; 1983; 40 slides, audiocassette, 10 min.

**Keyword:** Mice, rats, gerbils, hamsters, guinea pigs, restraint, handling, laboratory animals.

**Note:** Identification, taxonomy, and procedures for safe and effective restraint and handling of common laboratory rodents are presented in this slide set. Both mechanical and hand restraint methods are demonstrated, as are appropriate techniques for transferring animals between cages and from a cage to a restraining device. A manual accompanies the slide set.

NAL Call No: Slide No. 239.

124

**Handling and Restraints of the Canine Patient** [videocassette]. Manhattan, KS: Kansas State University, College of Veterinary Medicine; 1986; 1/2" VHS, 42 min.

**Keyword:** Immobilization, physical restraint, dogs, treatments.

**Note:** Approach, capture, and restraint techniques are demonstrated. Techniques include proper use of leashes and neck chains, and methods of holding dogs for examination and

treatment.

**NAL Call No:** Videocassette No. 1317.

125

**Handling Hoofed Stock** [slide] San Diego, CA: San Diego Zoological Society and Davis, CA: University of California at Davis; 1981; 165 slides, audiocassette, 50 min.

**Keyword:** Zoo animals, giraffes, deer, rhinoceros, okapis, peccaries, audads, antelopes, handling, restraint, husbandry.

**Note:** This slide presentation addresses general principles concerning safe the handling of large exotic hoofed stock as well as cleaning, feeding, transporting, and chemical and mechanical restraint are addressed.

**NAL Call No:** Slide No. 198.

126

**Handling Livestock Naturally** [videocassette] Kansas City, Mo.?: AgriBase, c1989; 1/2" VHS, 15 min.

**Keyword:** Livestock handling, animal welfare, behavior, transport, feeding and watering in markets, moving animals.

**Note:** Discusses viewing the world through the animal's eyes when handling them on the farm, for transport and at markets. Covers how to transport with gentleness, understanding of the animal's field of vision, point of balance, flight zone, and blind spot, how to feed and water animals at markets, how to move animals without hitting, yelling, or electric shock, how to deal with medical problems, and caring of facilities to reduce injuries. The program was produced in conjunction with the Livestock Marketing Association.

**NAL Call No..** Videocassette No. 1334.

127

**Hidden Crimes: a Film on Animal Experimentation Pasadena** [videocassette] Calif. : Javier Burgos/Supress (Students United Protesting Research on Sentient Subjects); c1986; 1/2" VHS; 78 min.

**Keyword:** Animal experimentation, animal welfare, vivisection..

**Note:** Depicts the hidden world of animal experimentation by showing the mistreatment of research animals. Also included in this documentary is secret footage taken at animal research facilities in California and Pennsylvania.

**NAL Call No.:** Videocassette No. 1423.

128

**Hope: A Story that Highlights the Critical Importance of Animal Research in Medical Progress through the Eyes of Three Families** [videocassette]. Washington, DC: The Foundation for Biomedical Research; 1990; 1/2" VHS, 18 min.

**Keyword:** Laboratory animals, experimentation, ethics, animal models.

**Note:** *Hope* tells the story of three families: one whose child has been saved through modern medical advances; one for whom treatment arrived too late; and one whose life hangs in the balance waiting and hoping for a treatment or cure. This program shows what is at stake in the debate about animal research.

**NAL Call No:** Videocassette No. 1093.



129

**Humane Care and Use of Laboratory Animals** [videocassette]. Raleigh, NC: Laboratory Animal Training Association; 1988; 1/2" VHS, 32 min.

**Keyword:** Laboratory animal workers, animal welfare, Public Health Service.

**Note:** This video examines issues related to humane laboratory animal care and use, including the Animal Welfare Act and other legislation, government guidelines for humane laboratory animal care, ethical viewpoints of animal use, roles and responsibilities of research staff and institutional animal care and use committee members, humane experimentation, alternatives, and information resources. A manual that includes a script, test, and answer key accompanies the videocassette.

**NAL Call No:** Videocassette No. 338, Vol. 1.

130

**Humane Care and Use of Laboratory Animals for Technicians (Cuidado y Uso Humanitario de Animales de Laboratorio para Tecnicos)** [videocassette]. Raleigh, NC: Laboratory Animal Training Association; 1991; 1/2" VHS, 36 min.

**Keyword:** Animal welfare, training, humane care.

**Note:** The program is designed to provide Spanish-speaking technicians with information on humane care and use of laboratory animals, in accordance with the regulations of the U.S. Department of Agriculture (USDA) and recommendations of the Public Health Service Guide. Services and information available through NAL's Animal Welfare Information Center is also discussed. An English language written narrative is also provided.

**NAL Call No:** Videocassette No. 1129.

131

**Humane Educator/Obedience Trainer** [filmstrip]. Mahwah, NJ: Troll Associates; 1975; 35 mm, audiocassette, 7 min.

**Keyword:** Pet industry, vocational guidance, juvenile films.

**Note:** Made for the Humane Society of the United States, this film focuses on careers related to the care and training of animals. Intended for elementary grades.

**NAL Call No:** Filmstrip No. 200.

132

**Humane Principles and Procedures in Animal Research** [videocassette]. Lubbock, TX: Texas Tech University Health Science Center; 1989, U-Matic 3/4" and 1/2" VHS, 30 min.

**Keyword:** Animal experimentation, Animal Care and Use Committee, pain, animal welfare, legislation, law, humane treatment.

**Note:** Discusses the new legal requirements affecting the use of animals in research and describes the role of the Animal Care and Use Committee (ACUC) in implementing institutional responsibilities in humane animal treatment. The video addresses the practical aspects of animal use by providing information on animal pain assessment, selection and use of analgesics and anesthetics, pre- and post-operative care, aseptic surgical technique and health protection for individuals working with experimental animals.

**NAL Call No:** Videocassette No. 804 - U-Matic.

Videocassette No. 805 - 1/2" VHS.

133

**Hunter's TiterMax** [videorecording]. Norcross, GA: CytRx Corporation. 1994?; 1/2" VHS. 7 min., 12 sec.

**Keyword:** Immunological adjuvants, research adjuvant.

**Note:** Shows a new vaccine adjuvant developed by the CyRx Corporation that features maximum antibody production and avoidance of harmful side effects in the host animal.

**NAL Call No.:** Videocassette No. 2039.

134

**I Team Report: The Animal Rights Movement** [videocassette]. Washington, DC: WJLA TV News 7: 1992; 1/2" VHS, 20 min.

**Keyword:** Animal welfare, experimentation, research, slaughter, violence.

**Note:** This three-part news series by Del Walters explores the animal rights movement and philosophy as well as the benefits of the use of animals in research. The effects of the animals rights movement on research, livestock, and other animal uses are also discussed.

**NAL Call No.:** In Process.

135

**Imprint Training the Foal "Palomine's Blue Ribbon Series"** [videocassette]. Thousand Oaks, CA: Palomine Productions. Distributed by Miller's of East Rutherford, NJ; c1985, 1/2" VHS, 60 min.

**Keyword:** Foals, training, imprinting, horse behavior.

**Note:** Robert Miller covers the training of foals from the time of birth through first months to gentle them, prepare them for future schooling, and to minimize injury to handlers.

**NAL Call No.:** Videocassette No. 1902.

136

**In Defense of Animals: A Portrait of Peter Singer** [videocassette]. Oley, PA: Bullfrog Films; 1989. 1/2" VHS, 28 min.

**Keyword:** Philosophy, biography, animal rights.

**Note:** An introduction to Peter Singer, his philosophy on animal rights, and his life's work. He describes the movement and how he got involved.

**NAL Call No.:** Videocassette No. 1080.

137

**In Vitro Research: An Introduction** [slide]. Elmira, NY: Educational Images; 1989; 20 slides.

**Keyword:** Rats, brain, tissue culture, biometry.

**Note:** These slides offer an introduction into *in vitro* biomedical research. Tissue culture techniques are discussed in the accompanying script, while slides demonstrate their uses.

**NAL Call No.:** Slide No. 397.

138

**Inspection and Labeling Aspects of Genetically Engineered Food Animals** [videocassette]. Washington, DC: USDA Food Safety and Inspection Service; 1985; 1/2" VHS. 53 min.

**Keyword:** Farm animals, biotechnology, meat inspection.

**Note:** Dr. Daniel Jones, USDA Office of Biotechnology, examines some of the legal and regulatory questions of labeling genetically engineered animals that may one day be



produced and raised for food.  
NAL Call No: Videocassette No. 274.

139

**Inspection for Commensal Rodents** [videocassette]. "National Pest Control Association" (NPCA) rodent control series; 3 rodent control training programs. Dunn Loring, VA: NCPA; 1/2" VHS 15 min. Includes a manual.

**Keyword:** Rats, mice, rodent control, building inspections, rodent behavior.

**Note:** This National Pest Control Association Rodent Control Training Program (one of six videos) reviews the steps involved in conducting an inspection for commensal rodents (rats and mice). This video training program is designed to increase the pest control service technician's understanding of inspections, an essential planning process for all pest control programs. The accompanying manual includes practical training tips, program presentation recommendations, a pretest and a post test (with answers), suggested reference materials, and a commensal rodent pictorial identification key.

NAL Call No.: Videocassette No. 1041.

140

**Integrated Pest Management** [videocassette]. Chicago, IL: Lincoln Park Zoo; 1990; 1/2" VHS, 20 min.

**Keyword:** Pest control, zoos, disease, management.

**Note:** Describes how the Lincoln Park Zoo developed and manages its pest management program. The goal of this program is to control the pests, because irradiation is an unrealistic goal. Communication, cooperation, and vigilance makes this program successful.

NAL Call No: Videocassette No.1560.

141

**Intercultural Views of Animals** [videocassette]. Minneapolis, MN: University of Minnesota; 1986; 1/2" VHS, 45 min.

**Keyword:** Cultural values, animals, religion, ethics.

**Note:** Four guests from different socio-religious cultures (Hindu, Moslem, East African, and Buddhist) discuss various aspects of the human-animal relationship relative to their cultural habits, beliefs, and social conventions. Their views are compared with American views on the subject.

NAL Call No: Videocassette No. 322.

142

**Introduction of Foreign Genes into Livestock** [videocassette]. Washington, DC: USDA Food Safety and Inspection Service; 1986; 1/2" VHS, 53 min.

**Keyword:** Biotechnology, farm animals, sheep, pigs, nutrition.

**Note:** Dr. Robert Wall, USDA-ARS Reproduction Physiology Laboratory, discusses the introduction of foreign genes into sheep and pigs to increase feed efficiency.

NAL Call No: Videocassette No. 265.

143

**Introduction to Chimpanzee Behavior** [videocassette]. Washington, DC: National Geographic Society; 1977; 1/2" VHS, 23 min.

**Keyword:** Feeding behavior, toolmaking, daily activities, communication, group and family behavior.

**Note:** The National Geographic Society presents an overview of Dr. Jane Goodall's long-term research on the wild chimpanzee's behavior in Tanzania's Gombe National Park. Following the daily routines of a number of chimpanzees, the viewer will be able to observe the animals feeding, making tools, playing, grooming, courting, and communicating with each other.

**NAL Call No:** Videocassette No. 1158.

144

**Jane Goodall: A Life in the Wild** [videocassette]. Burlington, NC: Cabisco Teleproductions, Carolina Biological Supply Company; 1990; 1/2" VHS, 30 min.

**Keyword:** Biography, chimpanzees, Tanzania, wildlife.

**Note:** A documentary on the life and work of Jane Goodall. Dr. Goodall explains how and why she moved to Africa and undertook the study of chimpanzee behavior. She recalls day-to-day events in Gombe National Park and discusses some of her discoveries about chimpanzee behavior. She also emphasizes her efforts to save the chimpanzee from exploitation.

**NAL Call No:** Videocassette No. 1305.

145

**Killing the Crisis, not the Animals** [videorecording]. Vacavill, CA: Association of Veterinarians for Animal Rights and the International Society for Animal Rights; 1991?; 1/2" VHS

**Keyword:** Conference on animal welfare, animal cruelty, pet overpopulation.

**Note:** Speakers discuss various aspects of animal welfare such as animal sterilization, animal overpopulation, and ways to combat cruelty to animals. There are 8 videocassette in the set.

**NAL Call No.:** Videocassette No. 1450.

146

**Kiss the Animals Goodbye** [videocassette]. Santa Monica, CA: Pyramid Film and Video; 1984; 1/2" VHS, 20 min.

**Keyword:** Euthanasia, adoption, animal shelters, population control.

**Note:** A discussion of issues concerning animal population control, including euthanasia and adoption. The intended audience is junior high school students through adults.

**NAL Call No:** Videocassette No. 196.

147

**Konrad Lorenz: Science of Animal Behavior** "Animal behavior series." Washington, D.C.: National Geographic Society; 1986?; 1/2" VHS, 14 min. Includes 2 identical teacher's guides.

**Keyword:** Konrad Lorenz, animal behavior, animal intelligence, imprinting, social order.

**Note:** Examines the work of behaviorist, Konrad Lorenz, who holds that behavior is determined by a basic genetic blueprint that is modified by experience and innate knowledge.

Imprinting and a study of rank and social order are also examined by various observations of various types of animal.

NAL Call No.: Videocassette No. 1162.

148

**Laboratory Animal Medicine: What It is and How It Relates to Veterinary Medicine** [slide].

Seattle, WA: University of Washington; 1975; 61 slides, audiocassette, 25 min.

**Keyword:** Laboratory animals, veterinary medicine.

**Note:** This program is designed to stimulate interest in laboratory animal medicine and science. It provides the basis for further study and training for those students who choose to pursue a career in experimental animal medicine.

NAL Call No: Slide No. 217.

149

**Laboratory Animal Technician Training Course: Part 16, Veterinary Pharmacology,**

**Anesthesiology and Euthanasia** [videocassette]. Cordoba, TN: American Association for Laboratory Animal Science; 1980, 1/2" VHS, 3 videocassettes, 180 min.

**Keyword:** Animal welfare, laboratory animals, study, teaching, veterinary techniques.

**Note:** This program provides laboratory animal technicians with basic training in the areas of pharmacology, anesthesia, and euthanasia. Techniques and procedures are discussed.

NAL Call No: Videocassette No. 797, Parts 1-3.

150

**Laboratory Animals: Toxicology and the Public** [videocassette]. Closter, NJ: Production Plus, Inc., 1990?; 1/2" VHS, 46 min. Videotaped at the Symposium: "Animal Welfare Compliance for Study Directors;" presented at the Eleventh Annual Meeting of the American College of Toxicology, Orlando, Fla., Oct. 1990.

**Keyword:** Animal models, research, congresses, laboratory animals, product testing.

**Note:** The factual information regarding numbers of animals used, repetitive testing, source of animals and predictability of animal testing are presented to assist scientists who must respond to criticism of animal testing. A history of toxicology testing and a review of public opinion on animal research and testing is provided. The author is Shayne C. Gad.

NAL Call No.: Videocassette No. 974.

151

**Laboratory Dogs** [videocassette]. New York, NY: Animal Welfare Institute of New York; 1966; 1/2" VHS, 16 min.

**Keyword:** Biomedical research, veterinary medicine, handling, laboratory facilities.

**Note:** "Laboratory Dogs" is a videorecorded copy of a circa 1950 black and white film outlining laboratory dog management techniques. Methods of maintaining a canine research facility and ensuring healthy, manageable dogs are presented.

NAL Call No: Videocassette No. 543.

152

**Lamb Evaluation: Ewe Evaluation** [videocassette]. Ames, IA, CA: Iowa State University. Cooperative Extension Service. Distributed by : RMI Media Productions of Shawnee Mission, KS; 198-?; 1/2" VHS.

27 min.

**Keyword:** Sheep, lambs, ewes, visual and tactile evaluation, marketing.

**Note:** How to evaluate market lambs using hands and eyes. How to judge breeding ewes.

**NAL Call No.:** Videocassette No. 1350.

153

**Lamb Survival** [videorecording]: Ipswich; Farming Press Videos; Alexandria Bay, NY.

Distributed in N. America by Diamond Farm Enterprises; c1993, 1/2" VHS, 84 min.

**Keyword:** Lambs, post natal care.

**Note:** David Henderson presents techniques to help lambs survive their first few days of life.

**NAL Call No.:** Videocassette No. 1937.

154

**Leakey** [videocassette]. Washington, DC: National Geographic Society; 1983; 1/2" VHS, 22 min.

**Keyword:** Anthropologist, biography, origin of man, discovery.

**Note:** The film documents Louis Seymour Leakey's important discoveries about human origins, and shows how paleoanthropologists work. This video comes with a teacher's guide.

**NAL Call No.:** Videocassette No. 1153.

155

**Licensing Veterinary Biologics: Traditional & Recombinant Vaccines** [videorecording]. Bethesda, MD: BioConferences International; c1992; 1/2" VHS, 60 min.

**Keyword:** Veterinary biologicals, licenses, regulatory policies, USDA, Animal and Plant Health Inspection Service, conference session.

**Note:** Two speakers from the Animal and Plant Health Inspection Service of the U.S. Dept. of Agriculture discuss federal regulatory policies for field trials and licensing requirements for veterinary biologics. This is a videorecording of a session at BioEast '92 held in Washington, DC. The session was sponsored by Genetic Engineering News, IBEX, and BioConferences International, Inc.

**NAL Call No.:** Videocassette No. 1975.

156

**Licensing Veterinary *in vitro* Diagnostic Kits** [videorecording]. Potomac, MD: BioConferences International; c1992; 1/2" VHS, 94 min.

**Keyword:** Veterinary biologicals, licenses, diagnostic reagents, test kits, policies.

**Note:** Licensing requirements for veterinary *in vitro* diagnostic test kits are discussed. The videorecording is of a session of the BioEast '92 held in Washington, D.C. The program was sponsored by Genetic Engineering News, IBEX, and BioConferences International, Inc.

**NAL Call No.:** Videocassette No. 1976.

157

**Life Force: Animal Welfare** [videocassette]. Ames, IA: Iowa State University Extension Service; 1982; 3/4" U-Matic, 27 min.

**Keyword:** Ethics, animal welfare, veterinarians.

**Note:** Through filmed interviews, Dr. John Herrick of the Iowa State Extension Service, Dr.



Michael Fox of the Humane Society of the United States, and two practicing veterinarians express their views on the animal welfare movement and professional ethics.  
**NAL Call No:** Videocassette No. 345.

158

**Livestock in Transit - Handle with Care** [videocassette]. Potters Bar, Herts. England: Humane Slaughter Association: 1989; 1/2" VHS, 27 min.

**Keyword:** Transportation, humane slaughter, animal welfare.

**Note:** This production discusses and demonstrates humane and safe methods for loading, transporting, and unloading livestock.

**NAL Call No:** Videocassette No. 1306.

159

**Llama Training with Bobra Goldsmith: What Every Llama Should Know** [videocassette]. Ashland, OR: Juniper Ridge Press: 1986; 1/2" VHS, 114 min.

**Keyword:** Animal training, care, maintenance, handling.

**Note:** Bobra Goldsmith narrates and demonstrates techniques for the training of llamas. These techniques are taught in order to allow proper and stress-free handling, care, and management of your llama.

**NAL Call No:** Videocassette No. 1358.

160

**Man's Best Friends** [videocassette]. New York, NY: Cinema Guild: 1985; 1/2" VHS, 60 min.

**Keyword:** Medical research, product safety, alternatives, regulation, PETA, NIH, USDA, FDA, ASPCA, animal welfare, ethics, laboratory animals.

**Note:** This taped PBS television program provides comprehensive, balanced coverage of the controversy surrounding the use of animals for research and testing. Dr. Edward Taub (NIH/IBR), Alex Pacheco (PETA), Dr. Michael Fox (HSUS), Dr. Lester Crawford (FDA), DR. A.K. Ommaya (George Washington University) and others comment on the ethical questions that are involved in medical, scientific, commercial and military animal experimentation. Topics include benefits of animal research, Draize and LD50 tests, the laboratory animal industry, use of pound animals for research, animal dealers, animal auctions, and legislation.

**NAL Call No:** Videocassette No. 182.

161

**Managing Giants** [videocassette]. Chicago, IL: Lincoln Park Zoo: 1988; 1/2" VHS, 30 min.

**Keyword:** Elephants, care, handling, safety

**Note:** Keeper and animal safety are emphasized in the Lincoln Park Zoo's "Elephant Management Program." Training required for both animals and keepers is described.

**NAL Call No:** Videocassette No. 1561.

162

**Manipulation of Mouse Embryos** [videocassette]. Tokyo, Japan: Central Institute for Experimental Animals; 1989; 1/2" VHS, 12 min.

**Keyword:** Rats, mice, biotechnology, animal models, genetics, fertilization, DNA, chimeras.

**Note:** This film surveys various techniques for genetically manipulating laboratory rodents. Enucleation, DNA injection into ova, *in vitro* fertilization, embryo implantation, and the development of aggregation chimeras are among the procedures demonstrated. Invasion of sperm into an ovum, cell development *in vitro*, and the effects of rat growth hormone on mice are also described and illustrated. The narrator suggests that these techniques will one day lead to the development of new animal models for human diseases.

**NAL Call No:** Videocassette No. 438.

## 163

**Marine Mammals Handling and Restraint** [slide]. San Diego, CA: San Diego Zoological Society and Davis, CA: University of California at Davis; 1981; 73 slides, audiocassette, 17 min.

**Keyword:** Whales, dolphins, seals, sea lions, restraint, biomedical techniques.

**Note:** This program demonstrates techniques for the safe handling and restraint of cetaceans, pinnipeds, and sirens in order to perform common veterinary procedures. Surgery, physiological monitoring, blood collection, free feeding, and techniques for administering medicines are covered. A manual accompanies the slide set.

**NAL Call No:** Slide No. 193.

## 164

**Marsupial Care and Handling** [slide]. San Diego, CA: San Diego Zoological Society and Davis, CA: University of California at Davis; 1981; 54 slides, audiocassette, 12 min.

**Keyword:** Kangaroos, koalas, opossums, wallabies, zoo animals, restraint, handling.

**Note:** This training program illustrates principles of handling and restraining various species of marsupials.

**NAL Call No:** Slide No. 192.

## 165

**Mechanical Control** [videocassette]. "National Pest Control Association (NPCA) rodent control Series;" 4. Dunn Loring, VA: NPCA, c1990; 1/2" VHS, 12 min. Includes 1 manual (16 leaves).

**Keyword:** Rodents, control, animal traps, pest control, training.

**Note:** This National Pest Control Association Rodent Control Training Program (one of six videos) discusses mechanical control (trapping methods to help eliminate rodent infestations) and the types of traps available: glue traps or glueboards, repeating or automatic traps and snap traps. The accompanying manual includes practical training tips, program presentation recommendations, a pretest and a post test (with answers), suggested reference materials, and a commensal rodent pictorial identification key.

**NAL Call No.:** Videocassette No. 1042.

## 166

**Metro Washington Park Zoo: Environmental Enrichment Program** [videocassette]. Portland, OR: Metro Washington Park Zoo; 1992; 1/2" VHS, 15 min., 30 sec.

**Keyword:** Metro Washington Park Zoo, captive animals, animal behavior, environmental enrichment.

**Note:** The goal of environmental enrichment programs is to enhance the well being of zoo animals. This video shows how the Metro Washington Park Zoo introduces experiences



to the animals that are functionally similar to those they would encounter in their natural habitat.

NAL Call No.: Videocassette No. 1532.

167

**Miss Goodall and the Wild Chimpanzees** [videocassette]. Washington, DC: National Geographic Society; [198-?]; 1/2" VHS, 52 min. First released as 16 mm films, c1965.

**Keyword:** Jane Goodall, chimpanzees, zoologists, Tanzania.

**Note:** Documents the experiences of British zoologist Jane Goodall, who spent five years studying chimpanzees in Tanzania's Gombe Stream Preserve. Discusses her belief that thorough understanding of chimpanzee behavior will lead man toward clearer understanding of himself.

NAL Call No.: Videocassette No. 1156.

168

**Modern Veal Production: A Mixture of Technology and the Family Farm** [videocassette]. American Veal Association: Freemont, WI; 1987; 1/2" VHS, 9 min.

**Keyword:** Farm animals, housing, transportation, nutrition, anemia, husbandry, cattle.

**Note:** This video is part of a marketing effort to educate laymen about how farmers utilize modern technology and proper management practices to raise veal calves. Special fed veal calves are shown in individual pens that reduce stress, decrease health risks, and increase feed efficiency. The video examines nutrition and health maintenance programs and addresses concerns over anemia in calves.

NAL Call No.: Videocassette No. 481.

169

**Molecular Modeling for Biological Systems** [videorecording]. Washington, D.C.: The American Chemical Society; c.1990. Presented by San Diego Supercomputer Center, San Diego State University and American Chemical Society; 1/2" VHS, 240 min. (Includes a reference manual.)

**Keyword:** Molecular biology, molecular structure, mathematical models, data processing.

**Note:** This is a set of four cassettes pertaining to molecular modeling for biological systems. Part 1 shows mathematical models in molecular biology. Part 2 addresses data processing in molecular biology. Part 3 addresses mathematical models in molecular structure. Part 4 illustrates data processing in molecular structure. It is not intended for a non-technical audience. The program was filmed at an ACS Satellite Television Seminar held January 24, 1990.

NAL Call No.: Videocassette No. 1592.

170

**Monkey Island** [videorecording]. New York: WNET; Distributed by Time-Life Video of Alexandria, VA; c1991; 1/2" VHS, 60 min. Closed-captioned for the hearing impaired.

**Keyword:** Rhesus monkeys, primate behavior, Cayo Santiago, Puerto Rico.

**Note:** Shows the behavioral repertoire of a community of rhesus monkeys on the island of Cayo Santiago in Puerto Rico. Originally broadcast on the PBS television program entitled Nature. George Page is the narrator.

NAL Call No.: Videocassette No. 1970.

171

**Monkeys, Apes, and Man** [videocassette]. Washington, DC: National Geographic Society with Wolper Productions; 1971?: 1/2" VHS, 52 min. ("A National Geographic Society special." "No. 51149")

**Keyword:** Primates, humans, evolution.

**Note:** Points out that man is learning that the similarity between monkeys and himself is not superficial. Explains that man is a primate, bound in evolution to monkeys and apes.

**NAL Call No.:** Videocassette No. 1161.

172

**MoorComfort Gestation System** [videorecording]. Quincy, IL: MoorMan's Livestock Equipment Division; [1990]; 1/2" VHS.

**Keyword:** Housing, production systems, evaluation, gestation, sows.

**Note:** Discusses a new system of gestation housing that preserves the advantages of individual living places while permitting the sow much more freedom of movement than traditional gestation stall systems.

**NAL Call No.:** Videocassette No. 2041.

173

**Mustang: Managing a Misfit** [videocassette]. San Francisco? US Forest Service. Forest Service Range Management. Pacific Southwest Region. National Audiovisual Center; Distributed by National Audiovisual Center Capitol Heights; c1980; 1/2" VHS, 27 min. 22 sec. (Originally issued as a motion picture in the 1970's by the U.S. Dept. of Agriculture, Dept. of Range Management, Pacific Southwest Region. "A18899.VNB1.")

**Keyword:** US Bureau of Land Management, Adopt A Horse or Burro program, wild horses, control, mustangs, laws, Modoc Nat'l Forest, California.

**Note:** Discusses the problems of wild horse overpopulation in the Modoc National Forest and describes the Bureau of Land Management's Adopt-a-Horse program, set up to deal with this problem.

**NAL Call No.:** Videocassette No. 1738.

174

**Mystery of Animal Behavior** [videocassette]. Washington, DC: National Geographic Society and Metromedia Producers Corporation; 1969; 1/2" VHS, 52 min.

**Keyword:** Early behavior, research, Sealman

**Note:** A documentary of Hintz Sealman's work in the field of animal behavior. The video explores the world of animal behavior, from fish and sea otters to bears and baboons, and provides an extensive overview of the early research into animal behavior.

**NAL Call No:** Videocassette No. 1160.

175

**National Anti-Vivisection Society Public Service Announcements** [videorecording]. Chicago, IL: National Anti-Vivisection Society; Video Production Associates is the distributor; 1989; 1/2" VHS, 14 min. 33 sec.

**Keyword:** Animal welfare, personal care, cosmetics, public service announcements.

**Note:** Presents a series of public service announcements asking the consumer to only buy cosmetics from companies that don't perform laboratory animal testing or use animal

ingredients.

NAL Call No.: Videocassette No. 2045.

176

**Neuromuscular Blocking Agents** [videocassette] Davis, CA: University of California at Davis; 1980; U-Matic 3/4", 52 min.

**Keyword:** Birds, cats, muscle relaxants, drugs, curare, suxamethonium, veterinary training.

**Note:** This film examines the mode of action of various neuromuscular blocking agents by demonstrating their effects on the cat and chicken.

NAL Call No: Videocassette No. 221.

177

**Nonhuman Primates** [slide]. Seattle, WA: University of Washington; 1975; 392 slides, 6 audiocassettes, 145 min.

**Keyword:** Laboratory animals, primates, veterinary training.

**Note:** Prepared by laboratory animal specialists, this six-part program is intended to educate third year veterinary students on the characteristics, uses, and care of a variety of laboratory primates. Part 1: Introduction and Taxonomy (62 slides, 25 min.); Part 2: Biology and Use (66 slides, 30 min.); Part 3: Husbandry and Breeding (79 slides, 25 min.); Part 4: Viral Diseases (53 slides, 20 min); Part 5: Bacterial Diseases (72 slides, 25 min.); and Part 6: Parasitic and Noninfectious Diseases (62 slides, 20 min.). A study guide accompanies each of the slide sets.

NAL Call No: Slide No. 220.

178

**Nonhuman Primates: Basic Needs, Handling and Care** [videocassette]. Closter, NJ: Production Plus, Inc.; 1990; 1/2" VHS, 35 min.

**Keyword:** Animal welfare, environment, caging, preventive medicine, housing, psychology.

**Note:** Videotape of a presentation at the Symposium: Animal Welfare Compliance for Study Directors, presented at the Eleventh Annual Meeting of the American College of Toxicology, in Orlando, FL, on October 1990. Jan Southers talks about facilities, environment, caging, sanitization, watering, feeding, vermin control, and the identification of non-human primates. Emphasis is placed on preventive medicine, and safety programs required when using non-human primates in biomedical research.

NAL Call No: Videocassette No. 973.

179

**Normal and Abnormal Behavior in Domestic Livestock Used for Research** [videocassette].

Beltsville, MD: Animal Welfare Information Center, National Agricultural Library; West Lafayette, IN: Purdue University, 1993?; 1/2" VHS, 41 min., 41 sec. includes 1 script.

**Keyword:** Livestock behavior, laboratory animals, cattle, horses, pigs, stereotypic behaviors.

**Note:** Examines normal and abnormal behavior in livestock used for research, helping the viewer distinguish between apparently pointless behavior and the possibility of physiological reasons behind behavior such as parasites, injury, genetic problems, or nutritional deficiency. "Funding for this video was provided through a US Department of Agriculture, National Agricultural Library, Animal Welfare Information Center

cooperative grant with Purdue University."  
**NAL Call No.:** Videocassette No. 1542.

**180**

**Nuisance Wildlife Trapping** [videocassette]. Harrisburg, PA: Pest Wildlife Removal Services; c1990; 1/2" VHS, 43 min.

**Keyword:** Wildlife pests, control, training.

**Note:** Demonstrates how a professional wildlife removal specialist checks for the presence of wildlife pests and how he removes them from customers' homes. The author is Joseph Uram.

**NAL Call No.:** Videocassette No. 1014.

**181**

**Nutrition and Feeding Methods for Laboratory Animals** [slide].

Seattle, WA: University of Washington; 1983; 58 slides, audiocassette, 25 min.

**Keyword:** Guinea pigs, rabbits, dogs, cats, nutritional requirements, laboratory animals.

**Note:** This program examines the nutritional requirements of rodents, guinea pigs, rabbits, dogs, and cats. Feeding behaviors, typical feeding methods, and risks associated with improper feeding are discussed. A guide accompanies the slide set.

**NAL Call No.:** Slide No. 216.

**182**

**Open Heart Valve Replacement in the Dog** [videocassette]. East Lansing, MI: Instructional Media Center, Michigan State University; c1973; 1/2" VHS; 18 min.

**Keyword:** Dogs, surgery, heart valve prosthesis, veterinary care.

**Note:** Demonstrates the surgical procedure for valve replacement in open heart surgery in the dog. This video is general in scope and detail.

**NAL Call No.:** Videocassette No. 1727.

**183**

**Orangutans of the Rain Forest** [videorecording]. Jackson Hole, WY: Wolfgang Bayer Productions, Inc.; c1989; 1/2" VHS, 53 min..

**Keyword:** Orangutans, endangered species, behavior, Borneo.

**Note:** The video examines the problems facing orangutans, an endangered species. It does so in an entertaining, informative manner, showing you a view of the orangutan never seen before. The video is part of the Best of Nature Series and is narrated by Don Wescott.

**NAL Call No.:** Videocassette No. 1717.

**184**

**Orientation to Small Animal ICU** [videocassette]. Davis, CA: University of California at Davis; 1977; U-Matic 3/4", 22 min.

**Keyword:** Intensive care unit, veterinary equipment, veterinary training.

**Note:** This training film offers a brief introduction to the operation, maintenance, and trouble shooting of five pieces of veterinary ICU equipment: oxygen therapy unit, DC defibrillator, IVAC constant fluid infusion pump, ultrasonic nebulizer, and the wall



mounted anesthetic machine and ventilator.  
NAL Call No: Videocassette Nos. 213 and 224.

185

**Our Side of the Fence** [videocassette]. Englewood, CO: National Cattleman's Association; March 1989; 1/2" VHS, 9 min.

**Keyword:** Animal agriculture, Massachusetts referendum, animal activists, animal welfare, livestock, beef cattle industry.

**Note:** Discusses the Massachusetts Referendum of November 1988. Looks at the campaign strategies of animal activists. Promotes unification of agricultural groups to defeat the referendum. Discusses the importance of communicating with and educating the public on animal agriculture.

NAL Call No: Videocassette No. 791

186

**Ovariohysterectomy of the Rabbit. Neutering of the Rabbit** [videocassette]. College Station, TX: Biomedical Learning Resources Center; c1990; 1/2" VHS, 10 min.

**Keyword:** Rabbits, females, surgical procedure, neutering, veterinary procedure, techniques.

**Note:** Demonstrates the surgical procedure for an ovario-hysterectomy of the rabbit.

NAL Call No.. Videocassette No. 1793.

187

**PAWS** [videocassette]. Tucson, Ariz.: University of Arizona. Office of Public Information. Video Communications; c1990; 1/2" VHS, 14 min.

**Keyword:** Animal research, proper research, case study.

**Note:** Discusses reasons that animals are used in research, proper research procedures, and some of the objections to the use of animals in research. Shows a successful case study of continued life due to animal research.

NAL Call No.: Videocassette No. 1718.

188

**Pinniped Identification** [slide]. San Diego, CA: San Diego Zoological Society and University of California at Davis; 1983; 32 slides, audiocassette, 20 min.

**Keyword:** Pinnipedia, seals, sea lions, identification, behavior, zoo animals.

**Note:** To assist in their identification, the physical and behavioral characteristics of various species of pinnipeds are described and illustrated. A guide accompanies the slides.

NAL Call No: Slide No. 199.

189

**Plum Island Animal Disease Center** [videocassette]. Washington, DC: USDA, Food Safety and Inspection Service; 1985; 1/2" VHS, 53 min.

**Keyword:** Animal research, infectious diseases, containment facilities. USDA, ARS.

**Note:** This is a videotaped record of a Technology Transfer and Assessment Staff seminar presented by Manuel Barbeito, Biological Safety Officer for the Agricultural Research Service (ARS). The speaker describes the biosafety containment facilities and practices

at the Plum Island Animal Disease Center in New York, which is used by the USDA for the study of animal parasites and diseases. Four objectives of all containment laboratories are detailed: 1) serve research needs, 2) provide personnel protection, 3) prevent contamination, and 4) protect the environment.

**NAL Call No:** Videocassette No. 273.

**190**

**Poultry at Home** [videocassette]. Ipswich, UK; Farming Press Videos; Distributed in N. America by Diamond Farm Enterprises of Alexandria Bay, NY; c1993; 1/2" VHS, 77 min. ISBN: 0852362595.

**Keyword:** Raising chickens, basic management, health.

**Note:** A beginner's guide to poultry health and management. Victoria Roberts, and Julie Musk use over 50 pure breeds to illustrate the various points. Topics include: choosing your breed, housing, handling, predators, feed and digestion, diseases and parasites, breeding, sexing, candling eggs, and rearing chicks.

**NAL Call No.:** Videocassette No. 1914.

**191**

**Practical Methodology: Endotracheal Intubation of the Guinea Pig** [videocassette]. Davis, CA: University of California at Davis; 1985; U-Matic 3/4", 13 min.

**Keyword:** Guinea pigs, anesthesia, laboratory animals, veterinary training.

**Note:** This film demonstrates the proper techniques involved in performing endotracheal intubation for anesthetizing the guinea pig.

**NAL Call No:** Videocassette No. 204.

**192**

**Practical Methodology: Endotracheal Intubation of the Rabbit** [videocassette]. Davis, CA: University of California at Davis; 1985; U-Matic 3/4". 13 min.

**Keyword:** Rabbits, anesthesia, laboratory animals, veterinary training.

**Note:** This film demonstrates the proper techniques involved in performing endotracheal intubation for anesthetizing the rabbit.

**NAL Call No:** Videocassette No. 204.

**193**

**Practical Methodology: Endotracheal Intubation of the Rat and Hamster** [videocassette]. Davis, CA: University of California at Davis; 1985; U-Matic 3/4", 10 min. 30 sec.

**Keyword:** Rats, hamsters, anesthesia, laboratory animals, veterinary training.

**Note:** This film demonstrates the proper techniques involved in performing endotracheal intubation for anesthetizing the rat and hamster.

**NAL Call No:** Videocassette No. 204.

**194**

**Practical Methodology: Humane Handling and Laboratory Techniques for the Guinea Pig** [videocassette]. Davis, CA: University of California at Davis; 1987; 1/2" VHS, U-Matic 3/4", 19 min. 24 sec.

**Keyword:** Guinea pigs, laboratory animals, restraint, veterinary training.



**Note:** This film provides instruction on the proper restraint and handling of guinea pigs and demonstrates common laboratory techniques, such as administering injections and oral dosages, and using guinea pigs.

**NAL Call No:** Videocassette Nos. 687 and 204.

195

**Practical Methodology: Humane Handling and Laboratory Techniques for the Hamster**

[videocassette]. Davis, CA: University of California at Davis; 1987; 1/2" VHS, 22 min.

**Keyword:** Hamsters, laboratory animals, biomedical techniques, restraint, veterinary training.

**Note:** This film on the use of the hamster in the laboratory, demonstrates proper restraint and handling techniques, endotracheal intubation, drug administration, blood collection, and sex determination. A script accompanies the videocassette.

**NAL Call No:** Videocassette No. 404.

196

**Practical Methodology: Humane Handling and Laboratory Techniques for the Mouse**

[videocassette]. Davis, CA: University of California; 1987; U-Matic 3/4", 18 min. 16 sec.

**Keyword:** Mice, laboratory animals, restraint, handling, veterinary training, biomedical techniques.

**Note:** This program instructs the viewer on methods of restraining and handling laboratory mice in order to perform common experimental procedures. Demonstrations of laboratory techniques using the mouse, including administering injections and oral dosages, are provided.

**NAL Call No:** Videocassette No. 204.

197

**Practical Methodology: Humane Handling and Laboratory Techniques for the Rabbit**

[videocassette]. Davis, CA: University of California at Davis; 1987; 1/2" VHS, U-Matic, 25 min. 30 sec.

**Keyword:** Rabbits, laboratory animals, biomedical techniques, restraint, veterinary training.

**Note:** Instruction for restraining and handling the laboratory rabbit is provided in this film. It demonstrates common laboratory techniques using the rabbit, including sexing, gavaging, injection techniques (intramuscular, intravenous, intradermal, and subcutaneous), ear vein and cardiac puncture blood collection, use of sedatives/vasodilators, and euthanasia.

**NAL Call No:** Videocassette Nos. 688 and 204.

198

**Practical Methodology: Humane Handling and Laboratory Techniques for the Rat** [videocassette].

Davis, CA: University of California at Davis; 1987; 1/2" VHS, 21 min.

**Keyword:** Rats, laboratory animals, biomedical techniques, restraint, veterinary training.

**Note:** This film demonstrates proper restraint and handling techniques, endotracheal intubation, drug administration, blood collection, and sex determination for the laboratory rat. A script accompanies the videocassette.

**NAL Call No:** Videocassette No. 405.

199

**Practical Methodology: Nonhuman Primates Part I - Personnel Safety, Primate Handling and Restraint** [videocassette]. Davis, CA: University of California at Davis; 1988; 1/2" VHS, 18 min. 40 sec.

**Keyword:** Squirrel monkeys, macaques, ketamine hydrochloride, Herpes B virus, restraint, technician training, occupational health and safety, laboratory animals.

**Note:** The first of a two-part series, this program discusses personnel safety for laboratory animal technicians working with primates. It covers Herpes B virus prevention, protective clothing, personal hygiene, and safe handling, practices with the goal of minimizing stress to the animals and maximizing safety for the handler. A manual accompanies the videocassette.

**NAL Call No:** Videocassette No. 413, Part 1 of 2.

200

**Practical Methodology: Nonhuman Primates Part II - Special Laboratory Techniques** [videocassette]. Davis, CA: University of California at Davis; 1988; 1/2" VHS, 15 min.

**Keyword:** Macaques, technician training, biomedical techniques, intubation.

**Note:** The second part of a two part series, this program describes and demonstrates laboratory techniques involving primates, including gavaging, injections, and blood collection. A manual accompanies the videocassette.

**NAL Call No:** Videocassette No. 413, Part 2 of 2.

201

**Practical Methodology: Reptiles Part I - Humane Handling, Restraint and Husbandry** [videocassette]. Davis, CA: University of California at Davis; 1988; 1/2" VHS, 17 min.

**Keyword:** Snakes, lizards, tortoises, terrapins, husbandry, restraint, handling.

**Note:** The first of a two-part series, this program discusses the basics of handling, restraint, and husbandry of snakes, lizards, tortoises, and terrapins. A manual accompanies the videocassette.

**NAL Call No:** Videocassette No. 414, Part I.

202

**Practical Methodology: Reptiles Part II - Special Laboratory Techniques** [videocassette]. Davis, CA: University of California at Davis; 1988; 1/2" VHS, 17 min. 41 sec.

**Keyword:** Snakes, tortoises, terrapins, lizards, biomedical techniques, laboratory animals, succinyl choline, ketamine hydrochloride.

**Note:** The second of a two-part series, this program covers laboratory techniques such as sexing, blood sampling, catheter placement, injection sites, oral gavaging, intubation, restraint, anesthesia, and euthanasia for reptiles. A manual accompanies the videocassette.

**NAL Call No:** Videocassette No. 414 Part II.

203

**Practical Outdoor Pig Production** [videorecording]. Ipswich: Farming Press Videos; Distributed in N. America by Diamond Farm Enterprises of Alexandria Bay, NY ; c1993; 1/2 " VHS, ca 40 min.

**Keyword:** Swine breeding, housing, record keeping.

**Note:** Features examples of breeding units showing basic requirements, essential services, housing and equipment, records, and integration with other farming enterprises.  
**NAL Call No.:** Videocassette No. 1912.

204

**Primates** [slide]. San Diego, CA: San Diego Zoological Society and Davis, CA: University of California at Davis; 1981; 125 slides, audiocassette, 25 min.

**Keyword:** Chimpanzees, gibbons, orangutans, tarsiers, marmosets, gorillas, husbandry, restraint, handling, taxonomy, zoo animals, biomedical techniques.

**Note:** This slide set illustrates principles of handling and restraint of various species of primates. Topics related to handling include protective clothing, restraint devices, and capture methods. A number of laboratory techniques are also covered, including blood, urine, and fecal collection; tuberculin testing; injections; gavaging; and administering medicines. Primate nutrition is discussed briefly. A guide accompanies the slides.

**NAL Call No.:** Slide No. 197.

205

**Principles of Rodent Control** [videocassette]. "National Pest Control Association (NPCA) rodent control series." 2. Dunn Loring, VA: NPCA; c1990; 1/2" VHS, 12 min. Includes 1 manual (16 leaves).

**Keyword:** Rodent control, rodenticides, pesticide application.

**Note:** This "National Pest Control Association Rodent Control Training Program" (one of six videos) explains the three principles of rodent control: exclusion, sanitation and population reduction. An understanding of these principles enables the pest control service technician to utilize strategies and materials to effectively control or eliminate the rodent infestation. The accompanying manual includes practical training tips, program presentation recommendations, a pretest and a post test (with answers), suggested reference materials, and a commensal rodent pictorial identification key.

**NAL Call No.:** Videocassette No. 1040.

206

**Professional Advice for the Care of Cage-dwelling Pets, Including Gerbils, Hamsters, Rabbits, Guinea Pigs, Rats, and Mice** [videocassette]. New York, NY: Maier Group Communications; 1989; 1/2" VHS, 45 min.

**Keyword:** Animal welfare, rodents, small animals, lagomorphs, housing.

**Note:** Dr. Michael Fox provides professional advice for the care of cage-dwelling pets such as mice, gerbils, guinea pigs, and rabbits. Emphasis is given to providing the proper housing, care, and handling of these animals.

**NAL Call No.:** Videocassette No. 691.

207

**Professional Advice for Healthy, Happy Birds** [videocassette]. New York, NY: Maier Group Communications; 1989; 1/2" VHS, 45 min.

**Keyword:** Pets, animal welfare, care.

**Note:** As part of Dr. Michael Fox's animal series, this video offers his professional advice on how to care for pet birds. He emphasizes techniques that will make your pet happier and

healthier.

NAL Call No: Videocassette No. 692.

208

**Progress Without Pain** [videocassette]. London, England: The Lord Dowding Fund for Humane Research; 1984; 1/2" VHS, 55 min.

**Keyword:** Animal models, laboratory animals, pharmaceuticals, alternative medicine, alternative testing methods, medical research.

**Note:** Part I, A New Approach to Health, challenges the notion that modern medicine is responsible for the increased life span and better health care enjoyed by the Western world. Rather, it identifies better nutrition, sanitation, hygiene, and living and working conditions as the major factors for improvements in health in the West. Major alternative therapies practiced in Britain are briefly surveyed. Part II, New Approach to Testing, argues that animal models are unreliable indicators of the effects of disease and drugs in humans. Alternative techniques that eliminate the need for live animal models, including chromatography, chemical analysis, cell and organ culture, theoretical techniques, clinical observations, and research with patients, are presented. Finally, the program discusses obstacles to the development of a more holistic and humane approach to medical research and treatment. A manual accompanies the videocassette.

NAL Call No: Videocassette No. 424.

209

**Protecting Endangered Animals** [videocassette]. Washington, DC : National Geographic Society: 1984; 15 min. Includes 2 identical teacher's guides.

**Keyword:** Endangered species, extinction, wildlife conservation.

**Note:** Explains why animals have become extinct in the past, describes the plight of presently endangered species, and examines success stories of animals that seem to have been snatched from the jaws of extinction.

NAL Call No.: Videocassette no. 1164.

210

**Questions & Answers about BST and Milk** [videocassette]. Washington, DC: Dairy Coalition, 199-?; 1/2" VHS, 6 min.

**Keyword:** Bovine somatotropin, effects of bST on milk quality and composition.

**Note:** Former U.S. Surgeon General C. Everett Koop answers questions about BST and milk. Topics discussed include the composition of milk from cows treated with BST, the safety of milk from cows treated with BST, the effect of BST on cows' health, antibiotic residues, and labeling requirements for milk from cows treated with BST.

NAL Call No.: Videocassette no. 1885.

211

**Rabbits: Bacterial and Mycotic Diseases** [slide set]. Seattle, WA: University of Washington, Health Sciences Center for Educational Resources; 1990; 60 slides, guide, audio cassette, 19 min.

**Keyword:** Signs, diagnosis, observation.

**Note:** Series 2 of the Laboratory Animal Medicine and Science slide series, which covers



clinical signs of pasteurellosis, enterotoxemia, mucoid enteropathy, treponematosis, mastitis, Tyzzer's disease, and superficial mycoses.

**NAL Call No:** Slide No. 384.

**212**

**Rabbits: Biology** [slide set]. Seattle, WA: University of Washington, Health Sciences Center for Educational Resources; 1990; 36 slides, guide, audio cassette, 12 min.

**Keyword:** Laboratory animals, physiology, anatomy, animal care.

**Note:** This slide series, designed as a training tool, covers taxonomy, unique anatomical features, breeds of laboratory rabbits, normal vital signs and hematological values, injection sites, hair growth, gestation, and sex determination.

**NAL Call No:** Slide No. 382.

**213**

**Rabbits: Care and Management in a Laboratory Setting** [slide set]. Seattle, WA: University of Washington, Health Sciences Center for Educational Resources; 1990; 47 slides, guide, audio cassette, 20 min.

**Keyword:** Laboratory animal, housing, animal welfare.

**Note:** As a training tool, these slides cover the importance of animal care as well as the procedures for care and management under the Animal Welfare Act and the Guide for the Care and Use of Laboratory Animals.

**NAL Call No:** Slide No. 381.

**214**

**Rabbits: Introduction to Use in Research** [slide set]. Seattle, WA: University of Washington, Health Sciences Center for Educational Resources; 1990; 60 slides, guide, audio cassette, 19 min.

**Keyword:** Animal welfare, laboratory animal, testing.

**Note:** This training tool presents laws and guidelines, historical use in research and testing, development of alternatives, attributes as research animals, recognition of pain and disease, and signs and significance of common diseases.

**NAL Call No:** Slide No. 379.

**215**

**Rabbits: Noninfectious Disease** [slide set]. Seattle, WA: University of Washington, Health Sciences Center for Educational Resources; 1990; 51 slides, guide, audio cassette, 18 min.

**Keyword:** Laboratory animals, anatomical disorders, gastric disorders, skin diseases, nutrition.

**Note:** These slides cover clinical signs of neoplastic disease, splay leg, mandibular prognathism, pododermatitis, spinal fractures, gastric disorders, dermatitis, and nutritional deficiencies.

**NAL Call No:** Slide No. 383.

**216**

**Rabbits: Parasitic, Protozoal, and Viral Diseases** [slide set]. Seattle, WA: University of Washington, Health Sciences Center for Educational Resources; 1990; 35 slides, guide, audio cassette, 12 min.

**Keyword:** Laboratory animal, clinical signs, diagnosis, treatment, and prevention.

**Note:** This presentation covers viral, protozoal, and parasitic diseases common to rabbits;



clinical and pathologic signs; diagnostics; treatments; and preventive measures. This slide set is designed as a training tool.

**NAL Call No:** Slide No. 380.

**217**

**Recognition and Alleviation of Pain and Distress** [videocassette]. Closter, NJ: Production Plus, Inc.; 1990; 1/2" VHS, 23 min.

**Keyword:** Animal welfare, euthanasia, analgesia.

**Note:** Videotape of a presentation at the Symposium: Animal Welfare Compliance for Study Directors presented at the Eleventh Annual Meeting of the American College of Toxicology in Orlando, FL, October 1990. Relevant definitions and mechanisms for determining and alleviating pain are discussed. The responsibilities and interaction of the study director, attending veterinarian, and the animal care and use committee are outlined. Methods to determine the appropriate endpoint to studies are proposed.

**NAL Call No:** Videocassette No. 968.

**218**

**Reptiles: Bacterial Diseases of Captive Reptiles** [slide]. Seattle, WA: University of Washington; 1975; 55 slides, audiocassette, 14 min.

**Keyword:** Turtles, tortoises, terrapins, snakes, lizards, bacterial diseases, veterinary medicine.

**Note:** This slide set describes and illustrates the following aspects of bacterial diseases of reptiles: predisposing environmental factors, clinical symptoms, and disease treatment and prevention. Superficial cutaneous infections, septicemic cutaneous necrotic disease, superficial abscesses, maxillary abscesses, infectious stomatitis, respiratory infections, and shell "fungus" are the disease conditions examined. A manual accompanies the slide set.

**NAL Call No:** Slide No. 222.

**219**

**Research Animals: A Realistic View** [videocassette]. Springfield, IL: Southern Illinois University; 1978; 1/2" VHS, 13 min. 37 sec.

**Keyword:** Laboratory animal facility, veterinary medicine, husbandry.

**Note:** This program discusses the quality of animal care and equipment of a model animal research facility. A visual tour through an actual research facility serves to illustrate proper laboratory animal care.

**NAL Call No:** Videocassette No. 205.

**220**

**Research Methods for Studying Animal Behavior in a Zoo Setting** [videocassette]. Apple Valley, MN: Minnesota Zoological Garden and Portland, OR: Washington Park Zoo; 1983; U-Matic 3/4", (Part 1) 19 min., (Part 2) 60 min.

**Keyword:** Musk oxen, macaques, flamingos, zoo animals, ethology, ethograms, statistics, sampling methods.

**Note:** This film introduces novice researchers to methods of studying animal behavior. Formulating a research question, reconnaissance observations, ethogram construction, sampling methods, data collection, statistical analysis, and interpretation of results are

discussed. The program emphasizes five different sampling methods. The viewer can practice each method by watching and scoring the following samples of behavior: agonistic interactions of male musk oxen, social play in Japanese macaques, and feeding in flamingos. The accompanying manual includes examples of ethograms and data sheets for sampling.

NAL Call No: Videocassette No. 234.

221

**Responsible Care and Use of Canine in Research** [videocassette]. University of Wisconsin. Research Animal Resources Center: 1989; 1/2" VHS, 30 min.

**Keyword:** Dogs, laboratory animals, biomedical research, restraint, handling, veterinary techniques, teaching.

**Note:** This video discusses the uses of dogs in biomedical research. Physiological and psychological aspects are considered. Proper care, handling, and veterinary techniques are discussed and demonstrated. Regulations, guidelines, animal rights issues, and random source and purpose breeding are also discussed.

NAL Call No: Videocassette No. 736.

222

**Restraint and Handling of the Bird** [videorecording]. Davis, CA: School of Veterinary Medicine. University of California at Davis; c1978; 1/2" VHS, 12 min. (Tape no. #3236.1"--Cassette label.)

**Keyword:** Birds, handling, restraint methods, birds.

**Note:** Discusses common anatomical characteristics of all birds. Common physical and chemical restraint techniques used on most birds are demonstrated.

NAL Call No.: Videocassette No. 1907.

223

**Restraint and Handling of the Cat** [videocassette]. Davis, CA: University of California at Davis; 1977; U-Matic 3/4", 15 min.

**Keyword:** Cats, restraint, veterinary training, veterinary medicine.

**Note:** This film demonstrates methods of restraining and handling cats in a veterinary hospital setting in order to perform various medical procedures.

NAL Call No: Videocassette No. 217.

224

**Restraint and Handling of the Dog** [videocassette]. Davis, CA: University of California at Davis; 1977; U-Matic 3/4", 19 min.

**Keyword:** Dogs, restraint, veterinary training, veterinary medicine.

**Note:** This program demonstrates proper methods of restraining and handling dogs in a veterinary hospital setting in order to perform various medical procedures.

NAL Call No: Videocassette No. 219.

225

**Restraint and Handling of the Reptile: Crocodilians, Chelonians, and Lizards** [videorecording]. Davis, CA: School of Veterinary Medicine, University of California; c1979; 1/2" VHS, 25 min. (Tape no. #3246.2"--Cassette label).

**Keyword:** Reptiles, handling, restraint, immobilization, behavior, crocodiles, lizards, turtles.  
**Note:** Describes the danger potential and physical characteristics and behavior as a basis for the demonstration of various types of restraint for reptiles. The proper handling as well as restraint or crocodilians, chelonians and lizards, is demonstrated.  
**NAL Call No.:** Videocassette no. 1908.

226

**Restraint and Handling of the Reptile--Snakes** [videorecording]. Davis, CA: School of Veterinary Medicine, University of California at Davis; c1979; 1/2" VHS. 34 min. (Tape no. 3246-1--Cassette label.)

**Keyword:** Non-poison snakes, poisonous snakes, restraint, behavior, immobilization, handling.  
**Note:** Restraint techniques and special handling procedures are demonstrated on a variety of poisonous and nonpoisonous snakes. Included is a protocol for snake bite emergencies and a demonstration of first aid procedures.  
**NAL Call No.:** Videocassette no. 1909.

227

**Reverence for Life: Rights and Responsibilities** [videocassette]. Minneapolis, MN: University of Minnesota; 1986; 1/2" VHS, 45 min.

**Keyword:** Ethics, values, rights, animal welfare.  
**Note:** A panel discussion on how people value and treat animals is presented. The equality of different life forms, rights of animals, and human responsibility toward animals are discussed.  
**NAL Call No:** Videocassette No. 325.

228

**Rodents: Basic Needs, Handling and Care** [videocassette]. Closter, NJ: Production Plus, Inc.; 1990; 1/2" VHS, 19 min.

**Keyword:** Animal welfare, rodents, laboratory animals.  
**Note:** Videotape of a presentation at the Symposium: Animal Welfare Compliance for Study Directors presented at the Eleventh Annual Meeting of the American College of Toxicology in Orlando, FL, October 1990. Training video for research personnel, which includes a discussion of animal shipping, identification, viral disease monitoring, confinement caging, water, bedding, and environment for rodents. Guidelines for determining when euthanasia is appropriate are provided.  
**NAL Call No:** Videocassette No. 967.

229

**Safety & Regulatory Issues in Transgenic Production of Biopharmaceuticals** [videorecording]. Bethesda, Md: BioConferences International, Inc; c1994; 1/2" VHS, 93 min.

**Keyword:** Transgenic animals, conference, biopharmaceuticals, safety.  
**Note:** Three speakers discuss the role of transgenic animals in the production of biopharmaceuticals. Topics covered include transgenic animals for the production of biological products, production of medicinal products for human use in transgenic

animals, and therapeutics from transgenic animals and the adventitious agent concerns.

Recorded during a session at BioEast'94 held in Washington, DC, Jan 24-27, 1994.

**NAL Call No.:** Videocassette No. 1978.

230

**Sales Preparation** [videocassette]. Lexington, KY: Blood-Horse Productions; c1985; 1/2" VHS, ca. 35 min.

**Keyword:** Horses, grooming, yearlings, weanlings, broodmares, marketing.

**Note:** Production of The Blood-Horse, a weekly magazine devoted to improving thorough red breeding and racing. Techniques in presenting yearlings, weanlings, and broodmares to best advantage for prospective buyers are described.

**NAL Call No.:** Videocassette No. 1883.

231

**Search for the Great Apes** [videocassette]. National Geographic video. Stanford, CT: Vestron Video; c1989; 1/2" VHS, 60 min. ISBN: 0805106499. The video is closed captioned for the hearing impaired.

**Keyword:** Diane Fossey, Birute Galdikas-Brindamour, gorillas, orangutan, behavior, Africa, Borneo.

**Note:** This video was produced in cooperation with the National Geographic Society, Wolper Production and Vestron Video. It examines the efforts of Dian Fossey and Birute Galdikas-Brindamour to discover new facts about the life and behavior of gorillas and orangutans.

**NAL Call No.:** Videocassette No. 1101.

232

**Searching the Literature for Alternatives** [videocassette]. Closter, NJ: Production Plus, Inc.; 1990; 1/2" VHS, 26 min.

**Keyword:** Animal welfare, animal models, toxicology, resources, information.

**Note:** Videotape of a presentation at the Symposium: Animal Welfare Compliance for Study Directors presented at the Eleventh Annual Meeting of the American College of Toxicology in Orlando, FL, October 1990. This presentation provides scientists with information resources on alternatives. Alternatives are described using the 3R's of Russell and Birch. There is a detailed description of information services and products available from major organizations, information centers, and scientific databases. In addition, pointers are given on how to effectively define and locate alternative methods.

**NAL Call No.:** Videocassette No. 970.

233

**Sentenced for Life** [videocassette]. Potomac, MD: United Poultry Concerns, Inc.; 1990; 1/2" VHS, 34 min.

**Keyword:** Battery systems, poultry production, intensive housing, welfare.

**Note:** Produced by Chickens' Lib, this exposé documents the battery caging systems used for housing poultry in egg production. Welfare, housing, and behavior are addressed.

**NAL Call No.:** Videocassette No. 1288.



234

**Sentenced for Life: Chickens' Lib Questions the Legality of the Battery System for Laying Hens** [videocassette] (Also called "Chicken for Dinner.") UK?; Arrow Video Film Productions; 1990? 1/2" VHS, 49 min.

**Keyword:** Chicken industry, Great Britain, chicken behavior, housing, egg production, battery caging.

**Note:** Both films discuss the conditions of poultry in Great Britain. The first documents the battery caging systems used for housing poultry in egg production and the second documents the conditions of poultry in the broiler industry.

**NAL Call No.:** Videocassette No. 1288.

235

**Separating Fact from Myth: The Veal Industry Challenge** [videocassette]. Chicago: Beef Industry Council(US). Veal Committee. American Veal Association; 1990; 1/2" VHS, 11 min.

**Keyword:** Veal industry, animal welfare issues, food safety.

**Note:** Describes the veal industry's viewpoint on the issues of animal welfare and food safety.

**NAL Call No.:** Videocassette no. 1537.

236

**Share the Care: Humane Education** [videocassette]. Minneapolis, MN: University of Minnesota; 1986; 1/2" VHS, 45 min.

**Keyword:** Pets, ethics, children, education, animal welfare.

**Note:** Barbara Raye of the Minnesota Humane Society and Dr. Ashley Robinson of the University of Minnesota discuss Share the Care, a project designed to teach students K-12 humane treatment of animals. The panelists describe the curriculum and activities of the program. Raye states that the project aims at developing ideas and opinions about animals rather than just providing information, and that it has imparted to participants respect and fondness for animals.

**NAL Call No.:** Videocassette No. 327.

237

**Shiverer Mouse** [videocassette]. Tokyo: Central Institute for Experimental Animals; 1989; 1/2" VHS, 12 min.

**Keyword:** Mouse, neuron, myelin basic protein, biotechnology, DNA.

**Note:** This short film examines how biotechnology is used to study the cause and cure for the disease that afflicts shiverer mice. The cause, a deficiency in the myelin basic protein (MBP), is described and illustrated using micrographs of nerve cells. A MBP gene is injected into a zygote of a shiverer mouse to produce healthy offspring. The Chugai Pharmaceutical Company of Japan developed the video.

**NAL Call No.:** Videocassette No. 439.

238

**Signs of Enrichment** [videocassette]. Ellensburg, WA: Friends of Washoe Foundation; 1986; 1/2" VHS, 41 min.

**Keyword:** Chimpanzees, environmental enrichment, laboratory animals, behavior.

**Note:** Roger and Deborah Fouts of the Friends of Washoe Foundation narrate this film, which



demonstrates techniques for enriching the environment of captive chimpanzees. Providing a varied diet: "celebrating" birthdays and holidays; and supplying balloons, crayons, and other toys are among the suggestions aimed at alleviating the monotony of confinement in a laboratory animal facility.

**NAL Call No:** Videocassette No. 184.

239

**Signs of the Apes, Songs of the Whales** [videocassette]. Nova (Television program); Stanford, CT.: Vestron Video; 1988; c1983; 1/2" VHS, 58 min. Originally broadcast on the television program Nova.

**Keyword:** Human-animal communication, Washoe, apes, dolphins, sea lions, gorillas, whales.

**Note:** Revisits Washoe, a chimpanzee that communicates using American Sign Language, and examines some of the most recent language experiments being done with apes, dolphins, sea lions, gorillas, and whales.

**NAL Call No.:** Videocassette No. 1747.

240

**Silent World: Genetic Engineering-Ethical, Environmental and Animal Welfare Concerns** [videocassette]. Washington, DC: Center for Respect of Life and Environment; 1988; 1/2" VHS, 39 min.

**Keyword:** Animal welfare, genetics, biotechnology, chimeras, ecology, diseases, patenting, intensive livestock farming, ethics, medical research, pesticides.

**Note:** Dr. Michael W. Fox considers the environmental effects and ethical implications of genetic engineering. Fox warns that the production of genetically altered organisms could lead to environmental devastation, reduced biological diversity, and increased suffering of research animals. The video examines recent genetic manipulations: monoclonal antibody production from mice, insertion of avian leukosis virus into poultry and the AIDS virus into mice, genetically engineered bacteria for bacterial pesticides, and pigs endowed with the human growth gene. The program concludes with a plea for greater respect for the sanctity of life and possible alternatives to genetic engineering.

**NAL Call No:** Videocassette No. 417.

241

**Silver Spring Monkeys** [videocassette]. Washington, DC: People for the Ethical Treatment of Animals, Inc.; 1981; 1/2" VHS, 17 min.

**Keyword:** Cynomologus monkeys, rhesus monkeys, PETA, NIH, deafferentation, neurology, animal abuse, animal welfare.

**Note:** This videorecording consists of a series of photographs taken by Alex Pacheco while working at the NIH's Institute of Behavioral Research in Silver Spring, MD. The photographs document the poor care and treatment of primates held at the laboratory of Dr. Edward Taub and were used by Pacheco to testify on animal abuse before the U.S. House Subcommittee on Science Research and Technology.

**NAL Call No:** Videocassette No. 301.

242

**Small Animal Anesthetic Induction Technique** [videocassette]. Ames, Iowa: Iowa State University; 1978; U-Matic 3/4", 19 min. 50 sec.

**Keyword:** Cats, dogs, anesthesia, veterinary training, sodium pentobarbital, sodium pentothal, ketamine hydrochloride, halothane, nitrous oxide.

**Note:** This film demonstrates techniques involved in administering common anesthetic agents to cats and dogs, and illustrates their effects. The program covers intramuscular, intravenous, and inhalation methods of anesthetic induction. Both the face mask and chamber methods of inhalation anesthetic induction are illustrated.

**NAL Call No:** Videocassette No. 344.

243

**Small Mammals Restraint and Handling** [slide]. San Diego, CA: San Diego Zoological Society and University of California at Davis, School of Veterinary Medicine; 1981; 109 slides, audiocassette, 21 min.

**Keyword:** Porcupines, chinchillas, muskrats, armadillos, bats, zoo animals, restraint, handling, veterinary medicine.

**Note:** Designed as a tutorial for zoo animal caretakers and veterinarians, this slide set illustrates techniques for the safe and humane restraint and handling of various wild small mammals. The program demonstrates the proper use of nets, snares, squeeze cages, and other equipment in order to perform veterinary exams, radiography, and tuberculin tests, provide routine health maintenance, and administer medicines. A guide accompanies the slide set.

**NAL Call No:** Slide No. 194.

244

**Sorry, Charlie** [videocassette]. Phoenix, AZ: Arizona Humane Society; 1984; 1/2" VHS, 14 min.

**Keyword:** Animal control, pets, overpopulation, children.

**Note:** While searching for a home, an abandoned dog is picked up by an animal control worker and brought to a shelter. This dramatization is designed to educate children about the plight of stray animals and to foster more responsible pet ownership. A teaching guide accompanies the videocassette.

**NAL Call No:** Videocassette No. 339.

245

**Sources of Information on Animal Research Legislation and Animal Welfare** [videocassette]. Closter, NJ: Production Plus, Inc.; 1990; 1/2" VHS, 15 min.

**Keyword:** Resources legislation, databases, alternatives, organizations, compliance.

**Note:** Videotape of a presentation at the Symposium: Animal Welfare Compliance for Study Directors presented at the Eleventh Annual Meeting of the American College of Toxicology in Orlando, FL, October 1990. Information resources on animal welfare, educational materials, databases, alternatives, and animal research are described in this video. Descriptions, information, and addresses are provided for organizations such as AALAS, AAALAC, AWIC, ILAR, SCAW, CAAT, FRAME, NABR, FBR, iiFAR, and others.

**NAL Call No:** Videocassette No. 969.

246

**Speaking of Harvey** [motion picture]. Santa Monica, CA: Pyramid Film & Video; 1982; 16 mm, 9 min.

**Keyword:** Ethics, medical research, surgery, laboratory animals, animal welfare.

**Note:** A film for junior high through college biology students. It introduces the concept of scientific ethics in relation to animal experimentation. It shows a young physiologist performing a surgical experiment on a rabbit while discussing the emotional difficulties he and other researchers experience when working with live animals. The narrator stresses the importance of sensitivity and a humane attitude, recommends restraint when euthanizing animals, and proposes using one animal for several research projects. A complete operation (dearterializing a rabbit's liver) is performed while the researcher shares his thoughts and feelings about his work.

**NAL Call No:** Motion Picture No. 169.

247

**Spirits of the Forest** [videorecording]. New York: Thirteen/WNET: Distributed by Time-Life Video of Alexandria, VA; c1989, 1/2", 60 min. Closed-captioned for the hearing impaired.

**Keyword:** Lemurs, Madagascar, habitats, behavior.

**Note:** Shows the various species of lemurs. Footage was taken in the wild on the island of Madagascar. It shows the lemurs in their species specific unique habitats exhibiting their unique behaviors. The video is narrated by George Page and was originally broadcast on the PBS program Nature.

**NAL Call No.:** Videocassette No. 1974.

248

**Sportsmedicine Therapies and Treatments** [videorecording]. Grand Prairie, TX: Equine Racing Systems, c1991; 1/2" VHS, ca. 90 min.

**Keyword:** Race horses, lameness, veterinary physical therapies.

**Note:** The program was taped at the Houston 1990 Sportsmedicine Seminar. A sports therapist, Mimi Porter, discusses physical therapy for lameness in race horses.

**NAL Call No.:** Videocassette No. 2043.

249

**Stallion Management** [videocassette]. Lexington, KY: Blood-Horse Productions; c1984; 1/2" VHS, ca. 30 min.

**Keyword:** Horse breeding, stallions, management.

**Note:** Discusses how to maintain stallions that have the best possible chance to get the mares in foal.

**NAL Call No.:** Videocassette No. 1897.

250

**Starting a Young Horse** [videorecording]. Omaha, NE: Farnam Companies, Inc.; c1986; 1/2" VHS. 90 min.

**Keyword:** Horses, training methods, training the horse for riding.

**Note:** The video will take you through the basic steps for preparing a horse for riding.

Tellington-Jones demonstrates the body work and ground exercises including using a whip as a "wand"; how to use driving reins; preparation for lunging; preparing the horse

to accept a bit; the first steps of saddling; plus much more. All of these exercises and techniques will result in a smooth transition to the final goal of riding the horse.

**NAL Call No.:** Videocassette No. 1969.

**251**

**Stimulus Response** [videocassette]. Cambridge, UK: The Association for the Study of Animal Behavior, Department of Biological Sciences, Homerton College; 1996; 1/2" VHS, 33 min.

**Keyword:** Farm animals, five steps, stimulus response, preferences, motivation.

**Note:** Using a variety of farm animal species, the teaching video examines the five steps of stimulus response. Steps include stimulus perception, physiological receptors, co-ordination of the response, effectors, and the behavioral response. The video is geared towards high school and undergraduate college levels and is a collaborative effort between the Universities of Bristol and Cambridge.

**NAL Call No:** Videocassette No. 2350.

**252**

**Suffer the Animals** [motion picture]. London, England: British Films Ltd.; 1980; 16 mm, 25 min.

**Keyword:** Ames test, Draize test, alternative testing methods, pharmaceuticals, cosmetics.

**Note:** This film is a graphic depiction of experimental animals undergoing stressful and/or painful procedures. The film expresses the view that the use of animals for research and testing is unnecessary, and briefly discusses possible alternatives to animal experimentation. Suitable for high school students and older persons.

**NAL Call No:** Motion Picture No. 189.

**253**

**Superanimals, Superhumans?** [videorecording]. Princeton, NJ: Films for the Humanities & Sciences, Inc, c1990 (originally copyrighted in 1988); 1/2 VHS, 26 min.

**Keyword:** DNA, genetic engineering, animals, humans, societal issues.

**Note:** Looks at the scientific goals and social controls of the genetic engineering of animals--and humans. The film is part of the series Films for the Humanities and Sciences; produced by Primedia Productions and Canoptic Productions, in association with Channel 4 and TVOntario, with the participation of Telefilm Canada.

**NAL Call No.:** Videocassette No. 1963.

**254**

**Surgery Preparation** [videocassette]. Davis, CA: University of California; 1984; U-Matic 3/4", 22 min.

**Keyword:** Sterile techniques, surgery, veterinary training.

**Note:** This tutorial program details presurgical scrubbing, gowning, and gloving procedures to ensure a sterile surgical environment. It is intended for students of veterinary medicine.

**NAL Call No:** Videocassette No. 223.

**255**

**Surgical Instruments and Their Use** [videocassette]. Davis, CA: University of California at Davis; 1985; U-Matic 3/4", 33 min.

**Keyword:** Surgical equipment, surgical techniques, veterinary medicine, veterinary training.

**Note:** The proper use of various veterinary surgical instruments, including scalpels, scissors.



clamps, tissue forceps, retractors, needle holders, suture needles, groove directors, and other miscellaneous instruments is described and illustrated. Proper suturing techniques are also covered.

**NAL Call No:** Videocassette No. 207.

256

**Surgical Procedures on Swine** [videocassette]. Manchester, NH: Group Five Communications; 1989; 1/2" VHS, 36 min., 30 sec.

**Keyword:** Swine surgery, blood sampling, neck region and medial thigh.

**Note:** Topics covered include blood sampling, preanesthetic administration, and surgical approaches to the trachea, carotid sheath, external jugular vein, and the vessels of the medial thigh. This video was also produced by Charles River Laboratories.

**NAL Call No.:** Videocassette No. 1612.

257

**Swine Handling and Transportation** [videocassette]. Madison, WI: Livestock Conservation Institute; c1989?; 1/2" VHS, 21 min.

**Keyword:** Swine, handling transport, behavior.

**Note:** Dr. Temple Grandin describes basic principles of pig behavior including vision, flight zone, reaction to noise, and following behavior. Shows various handling and transportation practices that reduce bruises, decrease injuries, and increase efficiency.

**NAL Call No.:** Videocassette No. 1593.

258

**Swine Health Care** [filmstrip]. San Luis Obispo, CA: Vocational Educational Productions; 1981; audio cassette, guide.

**Keyword:** Management, care, husbandry, diseases.

**Note:** This program discusses the importance of prevention in combating diseases and parasites of swine, and gives an overview of common diseases and parasites of swine. Recommended practices for prevention and/or treatment are also covered.

**NAL Call No:** Filmstrip No. 209.

259

**Swine Respiratory Disease** [videorecording]. Ames, IA: Iowa State University, Extension Service in cooperation with WOI-TV. Shawnee Mission, KS: Distributed by RMI Media Productions; 1986; 1/2 " VHS, 120 min.

**Keyword:** Swine diseases, pneumonia.

**Note:** This is a set of four videos on swine respiratory disease. It was originally broadcast on Iowa Public Television Network between February 3-24, 1986. Part 1 is an introduction to swine pneumonia. Part 2 addresses atrophic rhinitis. Part 3 is a description of various bacterial pneumonia. Part 4 discusses mycoplasma viruses.

**NAL Call No.:** Videocassette no. 1422.

260

**Symposium: Animal Welfare Compliance for Study Directors** [videocassette]. Closter, NJ: Production Plus, Inc.; 1990; 1/2" VHS, 2 videocassettes, 208 min.



**Keyword:** Animal welfare, legislation, regulations, standards.

**Note:** Videotape of a presentation at the Symposium: Animal Welfare Compliance for Study Directors presented at the Eleventh Annual Meeting of the American College of Toxicology in Orlando, FL, October 1990. This program was specifically designed to provide information for study directors and principal investigators so that they can be in full compliance with USDA animal welfare regulations, but is also of value to those involved in animal care. Specific areas required for training under the Act are included in addition to information on the necessity for animal research.

**NAL Call No:** Videocassette No. 976.

## 261

**Systemic Anatomy of the Cat** [videorecording]. Columbia State College, Learning Resources Center; Denver, CO: Distributed by Micron BioSystems, 19--; 1/2" VHS, 155 min.

**Keyword:** Comparative anatomy, dissection, domestic cats.

**Note:** This set of 8 videocassette guides students through cat anatomy dissection. V. 1.

Muscular system, pt. 1: The hindlimb and hip -- v. 5. Urinary and reproductive systems.

**NAL Call No.:** Videocassette no. 2046.

## 262

**Teaching the Yearling** [videocassette]. Powder Springs, GA: Betsy Beineke; c1992. 1/2" VHS, 45 min.

**Keyword:** Training horses, yearlings, positive interaction techniques.

**Note:** Useful for those handling their first yearling as well as for those breeders and trainers who have had difficult yearlings in the past, this program gives clear and useful information about how to use the yearling year to develop a positive interaction between horse and trainer.

**NAL Call No.:** Videocassette no. 1900.

## 263

**Techniques with Guinea Pigs** [videocassette]. Raleigh, NC: North Carolina State University; 1986; 1/2" VHS, 6 min. 30 sec.

**Keyword:** Guinea pigs, laboratory animals, biomedical techniques, cardiac puncture, restraint, handling.

**Note:** This film provides concise coverage of techniques involved in the manipulation of guinea pigs for research. Handling, gender determination, administration of substances both orally and by injection, and blood collection techniques are demonstrated using a live guinea pig.

**NAL Call No:** Videocassette No. 423.

## 264

**Terrorism in Dixon** [videocassette]. Kansas City, MO: AgriBase; 1989; 1/2" VHS, 10 min.

**Keyword:** Arson, farm animals, agricultural marketing.

**Note:** On January 29, 1989, a fire gutted the Dixon livestock auction in Dixon, CA. The environmentalist group Earth First claimed responsibility for the blaze. This video examines the aftermath of the fire that destroyed an estimated \$400,000 worth of property.

**NAL Call No:** Videocassette No. 625.

265

**The American Mule: Yesterday and Today** [videorecording]. Beltsville, MD: National Agricultural Library; 1988; 1/2 " VHS. 174 min. Recorded Oct. 25, 1988 at the National Agricultural Library, Beltsville, MD.

**Keyword:** Mules, history, symposium, special exhibit, National Mule Day.

**Note:** Presents speakers discussing the heritage of the American mule and the Missouri mule at a symposium held to celebrate National Mule Day. Part 1 is the recorded Symposium proceedings. Part 2 is the recording of the exhibit dedication ceremony. The symposium was held in conjunction with a special exhibit at the National Agricultural Library that opened October 25, 1988.

**NAL Call No:** Videocassette no. 1540.

266

**The Americas' View of Animals** [videocassette]. Minneapolis, MN: University of Minnesota; 1986; 1/2" VHS, 45 min.

**Keyword:** Cultural values, history, religion.

**Note:** Representatives from the Jewish faith, South American Catholic faith, Fundamentalist Christian faith, and Native American culture discuss their views on human-animal relationships in the Americas. The discussion reveals how current attitudes toward animals have been influenced by religious beliefs and historical conventions.

**NAL Call No:** Videocassette No. 323.

267

**The Animal Welfare Act: Philosophy and intent** [videocassette]. Closter, NJ: Production Plus, Inc.; 1990?; 1/2" VHS, 14 min., 40 sec. Videotape of a presentation at Symposium: Animal Welfare Compliance for Study Directors; presented at the Eleventh Annual Meeting of the American College of Toxicology, Orlando, Fla., Oct. 1990.

**Keyword:** United States, Animal Welfare Act, IACUC's history, Animal Welfare Law and legislation.

**Note:** The history and intent of the Animal Welfare Act and the participatory development of regulations is presented. The specific responsibilities of the IACUC and the study director and principal investigator are outlined. The approaches of the USDA to refine skills and develop appropriate attitudes through education is described. The author is Bruce Evald.

**NAL Call No:** Videocassette no. 972.

268

**The Animals Are Crying** [motion picture]. New York, NY: Learning Corporation of America; 1973; 16 mm, 28 min.

**Keyword:** Pets, dogs, cats, animal shelter, spaying, population control.

**Note:** Through a visit to an animal shelter and discussions with shelter personnel, a young family becomes aware of dog and cat overpopulation and the urgent need for animal birth control.

**NAL Call No:** Motion Picture No. 170.

269

**The Animals Film** [videocassette]. New York, NY: Cinema Guild; 1981; 1/2" VHS, 136 min.

**Keyword:** Population control, intensive livestock farming, hunting, animal products, laboratory animals, saboteurs, animal welfare.

**Note:** Interviews with activists and filming on location provide the vehicles for a thorough examination of the animal rights philosophy and activities. A number of issues are examined, including animal population control, intensive livestock farming, hunting, animal products, and animal experimentation and testing.

**NAL Call No:** Videocassette No. 183.

270

**The Ascent of the Chimps** [videocassette]. Santa Monica, CA: Greene and Dewar New Wilderness Productions; 1984; 1/2" VHS, 23 min.

**Keyword:** Chimpanzees, zoo animals, behavior, dominance.

**Note:** Lorne Greene narrates this segment of a popular television program that examines the behavior of over 50 captive chimpanzees held at the Arnhem Zoo in the Netherlands. It emphasizes the human-like "politics" and power struggles that occurred within the largest chimp colony of its kind from 1976 to 1983. Although footage from The Family of Chimps (Videocassette No. 434) has been incorporated into the program, this film is not as complete nor as entertaining as "The Family."

**NAL Call No:** Videocassette No. 433.

271

**The Avian Physical Examination and the Handling of Various Avian Species** [videocassette]. East Lansing, Mich: Michigan State University; c1979; 1/2" VHS, 31 min.

**Keyword:** Birds, handling, avian medicine, veterinary medicine.

**Note:** Demonstrates techniques involved in handling birds for physical examinations. Birds used for the demonstration include the parakeet, cockatiel, great horned owl, kestrel, blue jay, and Canada goose. Discusses handling, physical diagnosis, treatments, and medicines.

**NAL Call No:** Videocassette No. 1858.

272

**The Bear necessities: Environmental Enrichment for Captive Polar Bears** [videocassette]. Potters Bar, Herts [England]: Universities Federation for Animal Welfare; c1992; 1/2 VHS, 20 min.

**Keyword:** Polar bears, behavior, captive animals, zoos, environmental enrichment.

**Note:** Repetitious, invariant behaviors without apparent goal are typical of captive polar bears. This video illustrates such behaviors and offers practical suggestions for reducing them and creating an environment which offers the bears greater opportunities for a variety of activities.

**NAL Call No.:** Videocassette No. 1438.

273

**The Challenge of Animals in Research** [videocassette]. Lubbock, TX: Texas Tech University Health Sciences Center; 1989; 1/2" VHS, 30 min.

**Keyword:** Ethics, animal research, animal models, social attitudes, medical advances, animal welfare, regulations, guidelines, laws.

**Note:** Discusses different social attitudes and ethics toward the use of animals in research. Gives historical viewpoints and doctrines on the use of animals by man. Discusses medical advances. Gives historical background on animal rights and animal welfare, as

well as the present animal rights situation, legislation and educational efforts. Covers current guidelines and regulations that govern animal research.

**NAL Call No:** Vidiocassette No. 807.

**274**

**The Control of Feral Cat Colonies** [videocassette]. Potters Bar, Herts, England: The Universities Federation for Animal Welfare; c1985; 1/2" VHS, 13 min.

**Keyword:** Feral cats, control, humane methods.

**Note:** This program, authored by Brian Redhead, describes effective and humane methods to control feral cats as developed by the Universities Federation for Animal Welfare at the request of the Cat Action Trust. The method is based on trapping, neutering, marking by ear-tipping and returning the cats to supervised sites where their long term care can be assured.

**NAL Call No.:** Videocassette No. 1372.

**275**

**The Dog and Cat** [videocassette]. Raleigh, NC: Laboratory Animal Training Association; 1988; 1/2" VHS, 35 min.

**Keyword:** Dogs, cats, laboratory animals, husbandry, experimental techniques.

**Note:** This program provides information on the humane care and use of laboratory dogs and cats for scientists, laboratory technicians, and students. The recommendations are consistent with the Public Health Services' Guide for the Care and Use of Laboratory Animals and regulations set by the USDA. Topics include housing, nutrition, environment, recordkeeping, animal health care, occupational safety, handling and restraint, experimental techniques, and euthanasia. A script, test, and answer key accompany the videocassette.

**NAL Call No:** Videocassette No. 338, Vol. 4.

**276**

**The Dog and Cat in Research** [slide]. Seattle, WA: University of Washington; 1977; 72 slides, audiocassette, 25 min.

**Keyword:** Dogs, cats, laboratory animals, biomedical techniques, husbandry.

**Note:** Research uses, acquisition, physical examination, conditioning, health maintenance, housing, and care of cats and dogs are presented.

**NAL Call No:** Slide No. 215.

**277**

**The Dog Owner's Manual** [videocassette]. New York, NY: Maier Group Communications; 1984; 1/2" VHS, 51 min.

**Keyword:** Doctor Fox, pets, dog care.

**Note:** As part of Dr. Michael Fox's animal series, this video provides professional advice for healthier, happier, loving dogs. The tape serves as a guide to dog selection, care, and handling, including massaging techniques for dogs.

**NAL Call No:** Videocassette No. 690.



278

**The Down Side of Livestock Marketing** [videocassette]. Watkins Glen, NY: Farm Sanctuary; 1991; 1/2" VHS, 19 min.

**Keyword:** Cattle, pigs, marketing, animal welfare, stockyards, transport, downed animals.

**Note:** Frank talk and explicit videotaping of weak, sick, and dying animals at stockyards and auctions comprise this tape. Farmers, livestock handlers, livestock transporters, profit margins, and low livestock prices combine to create pressures to overcrowd animals for transport and to ship sick or downed animals to market.

**NAL Call No:** Videocassette No. 1285.

279

**The Family of Chimps** [videocassette]. New York, NY: Filmmakers Library; 1980; U-Matic 3/4" (No. 421), 1/2" VHS (No. 434), 55 min.

**Keyword:** Chimpanzees, behavior, zoo animals.

**Note:** In 1971 the largest colony of chimpanzees ever assembled together in a zoo environment was established at the Burgers Zoo in Arnhem, Holland. This film illustrates how ethologists use the 2.5 acre wooded exhibit to study chimpanzee behavior. Social play, aggression, mating behavior, the development of social hierarchies, and other interactions are examined in this informal, and often amusing, film. (See also The Ascent of the Chimps, Videocassette No. 433).

**NAL Call No:** Videocassette Nos. 421 and 434.

280

**The Frog Inside-Out** [videocassette]. Livingston, NJ: Instructivision, Inc.; 1988; 1/2" VHS, 67 min.

**Keyword:** Frogs, laboratory animals, experimental techniques, dissection, anatomy, physiology.

**Note:** A clear, comprehensive instructional film appropriate for high school or college biology students. Part I, External Examination of the Frog's Anatomy, investigates how the frog's anatomy allows it to adapt to life on land and in water. It discusses the anatomy and physiology of vision, reproduction, locomotion, respiration, vocalization, hibernation, and skin pigmentation. Part II, Internal Examination and Dissection, outlines proper and humane dissection techniques, and uses footage of dissected frogs to examine the following body systems: skeletal, muscular, digestive, circulatory, urogenital, and nervous. Parts I & II use live animals, animations, diagrams, and micrographs of tissue cells to illustrate important points. The narrator states that this video is intended to reduce the number of frogs used for experimental purposes.

**NAL Call No:** Videocassette No. 426 Part I and 426 Part II.

281

**The Future of Human-Animal Relations** [videocassette]. Minneapolis, MN: University of Minnesota; 1986; 1/2" VHS, 45 min.

**Keyword:** Pets, veterinary medicine, farm animals.

**Note:** This panel discussion addresses such topics as what pets will be like in the future, how preparation of veterinarians will change, the future of food animals, and our changing expectations from pets.

**NAL Call No:** Videocassette No. 328.



282

**The Guinea Pig: Biology** [slide]. Seattle, WA: University of Washington; 1975; 51 slides, audiocassette, 20 min.

**Keyword:** Guinea pigs, diseases, anatomy, physiology, antibiotics, anesthesia, veterinary medicine.

**Note:** Aspects of guinea pig anatomy, physiology, reproduction, nutrition, and pharmacology are presented. Special attention is given to vital signs, growth, and hematological uniqueness, as well as to reactions to antibiotics and anesthesia.

**NAL Call No:** Slide No. 218.

283

**The Guinea Pig: Diseases** [slide]. Seattle, WA: University of Washington; 1975; 53 slides, audiocassette, 18 min.

**Keyword:** Guinea pigs, parasites, tumors, nutrition, infections, veterinary medicine.

**Note:** Common or important diseases of guinea pigs in five major categories are examined: bacterial infections, viral and chlamydial infections, parasitic diseases, neoplastic diseases, and nutritional and metabolic diseases.

**NAL Call No:** Slide No. 218.

284

**The Guinea Pig: Introduction and Husbandry** [slide]. Seattle, WA: University of Washington; 1975; 55 slides, audiocassette, 25 min.

**Keyword:** Guinea pigs, laboratory animals, husbandry.

**Note:** Guinea pig taxonomy, history, uses, husbandry, behavior, and reproduction are covered. Topics related to husbandry include environment, nutritional requirements, costs, sexing, and handling.

**NAL Call No:** Slide No. 218.

285

**The Guinea Pig and Rabbit** [videocassette]. Raleigh, NC: Laboratory Animal Training Association; 1988; 1/2" VHS, 28 min.

**Keyword:** Guinea pigs, rabbits, laboratory animals, husbandry, experimental techniques.

**Note:** This video presents information on the humane care and use of laboratory guinea pigs and rabbits for scientists, laboratory technicians, and students. The recommendations are consistent with the Public Health Services' Guide for the Care and Use of Laboratory Animals, and regulations set by the USDA. Topics covered include housing, nutrition, environment, recordkeeping, animal health care, occupational safety, handling and restraint, experimental techniques, and euthanasia. A manual that includes a script, test, and answer key accompanies the videocassette.

**NAL Call No:** Videocassette No. 338, Vol. 3.

286

**The Guns of Autumn** [videocassette]. New York, NY: Carousel Films, Inc.; 1975; U-Matic 3/4", 78 min.

**Keyword:** Hunting, wildlife, conservation, regulations.

**Note:** Produced by CBS News and narrated by Dan Rather, this program documents hunting across America. The film crew records the thoughts and actions of hunters as they stalk bear, deer, bison, and waterfowl. The portrayal of hunting in this video was not favorable.

**NAL Call No:** Videocassette No. 179.

**287**

**The Hamster: Introduction and Husbandry, Part 1** [slide]. Seattle, WA: University of Washington: 1975; 59 slides, audiocassette, 25 min.

**Keyword:** Reproduction, behavior, instruction.

**Note:** Hamster taxonomy, history, uses, husbandry, behavior, and reproduction are presented. The discussion of husbandry includes environmental and nutritional requirements, costs, sexing, and handling.

**NAL Call No:** Slide No. 223.

**288**

**The Hamster: Biology and Diseases, Part 2** [slide]. Seattle, WA: University of Washington: 1975; 62 slides, audiocassette, 24 min.

**Keyword:** Hamsters, anatomy, physiology, husbandry.

**Note:** This program examines the anatomy, physiology, and pharmacology of hamsters, as well as the following disorders: enteritis, bacterial and viral diseases, parasites, neoplasms, and amyloidosis.

**NAL Call No:** Slide No. 223.

**289**

**The Heart of the Matter** [videorecording]. College Station, TX: Instructional Materials Service, Texas A&M University; c1993; 1/2" VHS, 21 min. Includes a facilitator guide.

**Keyword:** Animal rights, Moral and ethical aspects, utilitarian philosophy.

**Note:** The discussion targets basic philosophical concepts related to the subject of animal rights/welfare (rights-based philosophy vs. utilitarian philosophy). The narrator is Josie Peacher.

**NAL Call No.:** Videocassette no. 1996.

**290**

**The Image of Animals Today** [videocassette]. Minneapolis, MN: University of Minnesota; 1986; 1/2" VHS, 45 min.

**Keyword:** Cultural values, mass media, literature.

**Note:** University of Minnesota faculty members Dr. David Garloff, Dr. Tom Scanlan, and Dr. Arthur Geffen discuss the portrayal of animals in contemporary American mass media. The panelists review depictions of animals in cartoons, books, poems, and on television, and formulate a general conception of America's image of animals.

**NAL Call No:** Videocassette No. 320.

**291**

**The Laboratory Rat: Biology, Husbandry, and Research Methodology** [slide]. Seattle, WA: University of Washington; 1977; 59 slides, audiocassette, 15 min.

**Keyword:** Rats, biomedical techniques, laboratory animals, husbandry, veterinary training, veterinary medicine.

**Note:** This slide set describes and illustrates basic anatomy and physiology of laboratory rats, discusses standard procedures for housing rats in the laboratory, and familiarizes the viewer with basic methodology employed for manipulating rats in research. Research methodology includes handling, restraint, blood collection, anesthesia, and euthanasia. Biological values, nutrient requirements, and environmental considerations are listed in the accompanying guide.

**NAL Call No:** Slide No. 221.

292

**The Laboratory Rat: Diseases** [slide]. Seattle, WA: University of Washington; 1977; 48 slides, audiocassette. 16 min.

**Keyword:** Rats, murine respiratory mycoplasmosis, haemobartonellosis, laboratory animals, veterinary medicine, veterinary training.

**Note:** This autotutorial program will familiarize veterinary and other biomedical science students with the principal diseases of laboratory rats, giving emphasis to two spontaneous infections occurring in laboratory rats. Etiology, pathogenesis, diagnosis, prevention, and treatment of the infections are detailed. A manual accompanies the slide set.

**NAL Call No:** Slide No. 221.

293

**The Laboratory Rat: Introduction** [slide]. Seattle, WA: University of Washington; 1977; 46 slides, audiocassette. 15 min.

**Keyword:** Rats, history, veterinary training, medical research, laboratory animals.

**Note:** This program provides basic information to veterinary and other biomedical students concerning the role of the rat in research. The presentation covers the history of the rat with respect to its domestication and use in research, and specific attributes that make this species particularly valuable as an experimental subject. Specific uses of rats in research are also examined, including its use in physiological, dental, and nutritional research; behavioral studies; drug evaluation; and oncology. A manual accompanies the slide set.

**NAL Call No:** Slide No. 221.

294

**The Mongolian Gerbil** [slide]. Seattle, WA: University of Washington; 1979; 60 slides, audiocassette. 20 min.

**Keyword:** Gerbils, husbandry, laboratory animals, biomedical techniques.

**Note:** This program discusses the husbandry, reproduction, diseases, and research uses of gerbils. A manual accompanies the slide set.

**NAL Call No:** Slide No. 224.

295

**The Mongolian Gerbil, Meriones Unguiculatus** [videocassette]. Manhattan, KS: Kansas State University. College of Veterinary Medicine; 1990; 1/2" VHS, 26 min.

**Keyword:** Meriones unguiculatus, gerbils, animal model, care, breeding.

**Note:** Presents an overview of gerbil taxonomy, behavior, adaptations, and history as a model in laboratory research. The topics of husbandry, general care, breeding, and preventive medicine through a careful physical examination are also covered.

**NAL Call No.:** Videocassette no. 1662.

**296**

**The Mouse: Bacterial and Parasitic Diseases** [slide]. Seattle, WA: University of Washington; 1975; 67 slides, audiocassette, 20 min.

**Keyword:** Mice, laboratory animals, diseases, parasites, veterinary medicine.

**Note:** This slide program serves as a guide to the principal bacterial and parasitic diseases of mice including gram positive cocci, enteric gram negatives, small gram negative bacilli, miscellaneous bacteria, and mycoplasma. The program also describes and illustrates the history, significance, etiology, pathogenesis, clinical signs, diagnosis, pathology, and control of Tyzzer's disease and ectoparasites. A manual accompanies the slide set.

**NAL Call No:** Slide No. 227, Part 5.

**297**

**The Mouse: Biology and Use in Research** [slide]. Seattle, WA: University of Washington; 1975; 77 slides, audiocassette, 25 min.

**Keyword:** Mice, laboratory animals, medical research.

**Note:** This slide set covers basic biology and research uses of mice. The program describes and illustrates the following: history, taxonomy, nomenclature, sources and costs, anatomy, reproduction, physiological parameters, genetics, nutrition, behavior, growth, and life span. A manual accompanies the slide set.

**NAL Call No:** Slide No. 227, Part 1.

**298**

**The Mouse: Handling, Restraint, and Other Techniques** [slide]. Seattle, WA: University of Washington; 1975; 48 slides, audiocassette, 12 min.

**Keyword:** Mice, laboratory animals, experimental techniques.

**Note:** This program demonstrates basic technical skills required for the proper care of mice and for their use in biomedical research. It includes handling and restraint, injections and oral administration of medicine, blood and urine collection, sexing, identification, anesthesia, and euthanasia. A manual accompanies the slide set.

**NAL Call No:** Slide No. 227, Part 2.

**299**

**The Mouse: Husbandry** [slide]. Seattle, WA: University of Washington; 1975; 74 slides, audiocassette, 15 min.

**Keyword:** Mice, laboratory animals, husbandry, housing.

**Note:** This slide set examines environmental requirements, caging, bedding, feeding and watering, sanitation, breeding, transportation, and quarantine procedures involving laboratory mice. A manual accompanies the slide set.

**NAL Call No:** Slide No. 227, Part 3.



300

**The Mouse: Neoplastic, Non-Infectious and Miscellaneous Diseases** [slide]. Seattle, WA: University of Washington; 1975; 44 slides, audiocassette, 14 min.

**Keyword:** Mice, laboratory animals, cancer, tumors, veterinary medicine.

**Note:** This slide program illustrates the role of mice in cancer research. The presentation provides some insight into neoplastic diseases (leukemia, mammary tumors), non-infectious diseases (hormone contamination, chloroform and ethylene oxide poisoning), and miscellaneous causes of disease (hexamitiasis, encephalito-zoonosis, eperythrozoonosis, dermatomycosis) in mice. A manual accompanies the slide set.

**NAL Call No:** Slide No. 227, Part 6.

301

**The Mouse, Rat and Hamster** [videocassette]. Raleigh, NC: Laboratory Animal Training Association; 1988; 1/2" VHS, 34 min.

**Keyword:** Mice, rats, hamsters, laboratory animals, restraint, husbandry, biomedical techniques.

**Note:** This training film provides information on the humane care and use of laboratory rodents for scientists, laboratory technicians, and students. The recommendations are consistent with the Public Health Services' Guide for the Care and Use of Laboratory Animals and regulations set by the USDA. Topics include housing, nutrition, environment, recordkeeping, animal health care, occupational safety, handling and restraint, experimental techniques, and euthanasia. A manual that includes a script, test, and answer key accompanies the videocassette.

**NAL Call No:** Videocassette No. 338, Vol. 2.

302

**The Mouse: Viral Diseases** [slide]. Seattle, WA: University of Washington; 1975; 45 slides, audiocassette, 18 min.

**Keyword:** Mice, laboratory animals, mouse pox, diarrhea.

**Note:** This slide set discusses ectromelia (mouse pox) and viral diarrhea of infant mice, and illustrates their effects on mice. The etiology, pathogenesis, clinical signs, pathology, and diagnosis of the diseases are described. A manual accompanies the slide set.

**NAL Call No:** Slide No. 227, Part 4.

303

**The Nature of Change** [videocassette]. St. Louis, MO: The Monsanto Company; 1984; 1/2" VHS, 3/4" U-Matic, 17 min.

**Keyword:** Biotechnology, bovine somatotropin, farm animals.

**Note:** This film discusses the limitations of traditional animal and plant breeding, and the possibilities of overcoming these limitations using recombinant DNA technology. The program examines the uses of bovine growth hormone to increase milk production in cows and Agrobacterium tumefaciens for crop improvement.

**NAL Call No:** Videocassette Nos. 202 and 407.



304

**The New Research Environment** [videocassette]. Washington, DC: Foundation for Biomedical Research; 1987; 1/2" VHS, 14 min. (Tape 1), 30 min. (Tape 2).

**Keyword:** Rats, rabbits, laboratory animals, regulations, animal welfare, public opinion, surgery, biomedical techniques, animal care and use committees.

**Note:** Tape 1: The Animal Rights Movement: The Threat to Research explains how media coverage of a few instances of research animal abuse has significantly disrupted biomedical research. The history of the anti-animal research movement is briefly reviewed, and the results of a public opinion survey concerning the animal research community are presented. Tape 2: This program is divided into three parts: 1) An examination of the role of Animal Care and Use Committees (ACUC's) for ensuring humane laboratory animal treatment. It includes a dramatization of an ACUC conducting a protocol review; 2) A demonstration of techniques for manipulating laboratory animals for research. It covers handling, identification, injections, gavaging, anesthesia, blood collection, and euthanasia, using rats and rabbits as subjects; and 3) A demonstration of recommended procedures involved in survival surgery. Presurgical scrubbing, instrument sterilization, and postsurgical care are discussed.

**NAL Call No:** Videocassette No. 194.

305

**The Nonhuman Primates** [videocassette]. Raleigh, NC: Laboratory Animal Training Association; 1988; 1/2" VHS, 29 min.

**Keyword:** Primates, laboratory animals, veterinary medicine, husbandry, restraint, veterinary training.

**Note:** This program provides information on the humane care and use of laboratory primates for scientists, laboratory technicians, and students. The recommendations are consistent with the Public Health Services' Guide for the Care and Use of Laboratory Animals and regulations set by the USDA. Topics include housing, nutrition, environment, recordkeeping, animal health care, occupational safety, handling and restraint, experimental techniques, and euthanasia. A manual that includes a script, test, and answer key accompanies the videocassette.

**NAL Call No:** Videocassette No. 338, Vol. 5.

306

**The Other Side of the Fence** [videocassette]. Camden, ME: American Society for the Prevention of Cruelty to Animals and Varied Directions, Inc.; 1988; 1/2" VHS, 10 min. 37 sec.

**Keyword:** Veal calves, intensive livestock farming, animal welfare.

**Note:** The narrator questions whether veal calves raised under modern intensive farming systems are supplied their fundamental needs of adequate shelter, nutrition, and companionship. Although the script denigrates this production system, the still pictures and footage of actual veal calf operations provide the viewer with a realistic depiction of modern veal production.

**NAL Call No:** Videocassette No. 432.

307

**The Physical Exam** [videocassette]. Merritt Island, FL: K-F Equine Video Production, Inc.; c1987; 1/2" VHS, 70 min.

**Keyword:** Horses, buying stock, basic anatomy, common diseases, scoring condition.

**Note:** Dr. Floyd D. Kirby teaches the prospective buyer how to examine a horse with a view toward what conditions might be present and how serious that condition is. Problem areas covered include: eyes, mouth, ears, skin, lameness, locomotion and internal problems.

**NAL Call No.:** Videocassette No. 1935

308

**The Principles of Horseshoeing: The Sound Horse** [videorecording]. LaPorte, CO: Butler Publishing and Tools; c1987; 1/2" VHS, 55 min.

**Keyword:** Horseshoeing, normal conditions.

**Note:** Describes machine-made shaping and cold shoeing, handmade shoeing and hot shoeing for the sound horse.

**NAL Call No.:** Videocassette No. 1938.

309

**The Rhino War: A Desperate Fight to Save an Endangered Species** [videocassette]. Stanford, CT: Vestron Video "A National Geographic Explorer production"; 1987; 1/2" VHS, 60 min.

**Keyword:** Black rhino, conservation, poaching, smuggling, conservation.

**Note:** This video presents efforts to save the black rhino from poachers in East Africa. Greed, corruption, and ignorance are the main factors for their destruction. The conservation and life of the rhino depends solely on humans.

**NAL Call No.:** Videocassette No. 1104.

310

**The Soviet Circus** [videocassette]. Washington, DC: National Geographic Society. Distributed by Vestron Video of Stanford, CT; c1989,1988; 1/2" VHS, 60 min. ISBN: 0805107126. Videocassette release of the 1988 film. Closed captioned for the hearing impaired.

**Keyword:** Circus, Moscow Circus School, animal trainers.

**Note:** Go behind the scenes at the Moscow Circus School and observe the wonders of performances that have delighted millions. Shows the work of lion tamers, trapeze artists and the famous clowns among others. The author is Theodore Bikel.

**NAL Call No.:** Videocassette no. 1099.

311

**The T Touch That Teaches, Part I: Head and Neck** [videocassette]. La Jolla, CA: Lawlor Productions; 1988; 1/2" VHS, 60 min.

**Keyword:** Horses, training, pain, injury, nervous system, behavior.

**Note:** Linda Tellington-Jones explains and demonstrates how sore muscles and tender spots and behavioral problems of horses can be overcome by the use of touches and body awareness, described as the Tellington-Jones Equine Method. These techniques can be easily learned and used by the novice or professional.

**NAL Call No.:** Videocassette No. 1319.

312

**The T Touch That Teaches, Part II: Body, Legs, and Tail** [videocassette]. La Jolla, CA: Lawlor Productions; 1988; 1/2" VHS, 70 min.

**Keyword:** Horses, training, pain, injury, nervous system, behavior.

**Note:** Part II of this series further demonstrates the use of the Tellington Touch to locate and relieve areas of pain, tension, and discomfort. Through T.E.A.M. (Tellington-Jones Equine Method) the horse becomes more aware of its body and movement, thus improving performance.

**NAL Call No:** Videocassette No. 1320.

313

**The Tellington Ttouch for Happier, Healthier Cats** [videorecording]. Ashland, OR: Hartworks Video; c1992; 1/2" VHS, ca 60 min.

**Keyword:** Cats, massage, healing touch techniques, Linda Tellington Jones techniques, human-animal bond communication.

**Note:** Join Linda Tellington-Jones in a visit to a multi-cat household, where she demonstrates the Tellington Ttouch. The Tellington Ttouch is a method for healing and communicating with cats and other animals.

**NAL Call No.:** Videocassette No. 1967.

314

**The Ultimate Test Animal** [videocassette]. New York, NY: Cinema Guild; 1985; 1/2" VHS, 41 min.

**Keyword:** Animal models, product safety, Depo Provera, contraceptives, pharmaceuticals, cancer, depression.

**Note:** This film examines the controversy surrounding the widespread use of Depo Provera, a contraceptive drug produced by Upjohn Company. The drug is currently available in the United States and in some Third World countries. Representatives of the Upjohn Company and FDA, as well as drug recipients comment on its safety and side effects. The validity of data from animal studies are called into question.

**NAL Call No:** Videocassette No. 425.

315

**The Value of Animal Research in the Betterment of Health** [videocassette]. Gainesville, FL: University of Florida; 1984; 1/2" VHS, 16 min. 50 sec.

**Keyword:** Laboratory animals, medical research, animal welfare, ethics.

**Note:** An overview of animal use in research, this program emphasizes the role of animal experimentation in the advancement of human health care.

**NAL Call No:** Videocassette No. 203.

316

**Thoracotomy and Lung Lobectomy in the Dog** [videocassette]. Columbus, OH: Biomedical Media; c1986; 1/2" VHS, 26 min.

**Keyword:** Dogs, surgical procedure, veterinary medicine, lungs, chest.

**Note:** Acquaints the viewer with anatomy of the thoracic cavity through a demonstration of an open thorax procedure and a lung lobectomy in a dog.

**NAL Call No:** Videocassette no. 1719.

317

**Tips for Safe Horse Handling** [videorecording]. Belleview, FL: Dillon Video Productions; c1990; 1/2" VHS, 24 min.

**Keyword:** Horses, foals, handling, restraint.

**Note:** Illustrates the safe handling methods/practices for horses and foals.

**NAL Call No.:** Videocassette no. 1946.

318

**TiterMax: An Adjuvant Update** [videorecording]: Norcross, GA: Vaxce; 1994?; 1/2 VHS, 18 min.

**Keyword:** Immunological adjuvants, TiterMax, refinement technique.

**Note:** TiterMax provides a less toxic experimental formulation for the production of antibodies in animals. This program documents superiority of this product as a preferred alternative in inducing reliable antibody titers to diverse antigens, while reducing the risk to animals used in experimentation. There are 2 parts. Part 1. (10 min.) features Dr. Ernest Prentice, Dean of Research, Univ. of Nebraska Medical Center; and Dr. Eugene Davidson, Professor and Chairman of the Dept. of Biochemistry and Molecular Biology at Georgetown University. Part 2. (8 min.) features four recommended methods for TiterMax emulsification depicting each method in a step-by-step visual presentation.

**NAL Call No.:** Videocassette no. 2038.

319

**To be a Gorilla: The Management of Lowland Gorillas in Captivity** [videocassette]. Chicago, IL: Lincoln Park Zoological Society; c1990; 1/2" VHS, 22 min.

**Keyword:** Lincoln Park Zoo, primates, gorillas, zoos, care, environmental enrichment, veterinary care.

**Note:** This program looks at the care that the 22 (in 3 family groups) gorillas receive from the zoo staff. The gorillas' environment is designed to provide stimulation and exercise and imitate natural habitat with ropes and steel climbing trees to promote social development and interaction between gorillas. The gorillas receive a nutritious diet and are encouraged to forage for their food. Living areas are cleaned daily, and new straw is provided regularly. The zoo hospital staff provide vaccinations and deal with many medical situations, including surgery. Infants born at the zoo receive special attention for their first 72 hours of life.

**NAL Call No.:** Videocassette no. 1559.

320

**To Be a Gorilla** [videocassette]. Chicago, IL: Lincoln Park Zoo; 1990; 1/2" VHS, 30 min.

**Keyword:** History, management, care, housing.

**Note:** This video explores the management of Lowland Gorillas in captivity at the Lincoln Park Zoo, its history, and philosophy. Daily maintenance, health (both mental and physical), quality of life, and reproduction are areas emphasized in this program.

**NAL Call No.:** Videocassette No. 1559.



321

**To Hunt or Not to Hunt** [videocassette]. Minneapolis, MN: University of Minnesota; 1986; 1/2" VHS, 45 min.

**Keyword:** Hunting, wild animals, animal welfare.

**Note:** Dr. Barbara O'Connel, Professor of Anthropology at Hamline University, Dov Cohn, an animal protection advocate, and Dr. James Cooper, Associate Professor of Fisheries and Wildlife of the University of Minnesota discuss why people hunt and whether hunting should be permitted.

**NAL Call No:** Videocassette No. 370.

322

**Tools for Research: Questions About Animal Rights** [videocassette]. Oley, PA: Bullfrog Films; 1983; 1/2" VHS, 37 min.

**Keyword:** LD 50, Draize test, animal welfare, pound animals, animal models, medical research, ethics.

**Note:** This film questions basic assumptions about animal research: Do existing laws actually protect laboratory animals? Is all animal research of value to humans? Is most current research repetitive and wasteful? Can experimental results from animals be accurately extrapolated to humans? Do lab animals suffer? Comments from psychologist Don Barnes and philosophers Peter Singer and Bernard Rollin suggest that much of animal research is unnecessary. The film includes old footage from Department of Defense animal experiments, and cosmetic and pharmaceutical laboratory animal testing.

**NAL Call No:** Videocassette No. 499.

323

**Touch for Dogs** [videorecording]. La Quinta, CA: Thane Marketing International; c1994; 1/2" VHS, 84 min. Originally copyrighted in 1993.

**Keyword:** Dogs, behavior, training, health, Ttouch, Linda Tellington-Jones, human-animal communication.

**Note:** Linda Tellington-Jones demonstrates how various types of touches can be used to change a dog's behavior. There are also types of touch that can ease pain and stress associated with old age, injuries, or surgery.

**NAL Call No.:** Videocassette no. 2040.

324

**Training Corral-Living Rhesus Monkeys for Fecal and Blood Sample Collection** [videocassette]. Covington, LA: Falkenstein Productions and the Delta Regional Primate Research Center; 1990; 1/2" VHS, 27 min. Includes 1 article reprint of 3p.

**Keyword:** Rhesus monkeys, *Macaca mulatta*, blood, feces, collection and preservation, behavior, animal welfare, Laboratory animals.

**Note:** This videotape, authored by Margaret R. Clarke, shows acclimation techniques to reduce stress for corral-living rhesus monkeys (*Macaca mulatta*) when collecting fecal and blood samples. The monkeys are given food rewards in return for defecation in single holding cages. They also are trained to extend their leg through a modified squeeze cage for unanesthetized bleeding from the saphenous vein. Once the acclimation is completed, the animals are shown to be relaxed during the procedure. One adult female continued to



nurse her neonate infant through the venipuncture. This behavior modification is intended to reduce stress and increase safety for the animals and the technicians. This tape also provides a look at the corral facility at the Delta Regional Primate Research Center at Tulane University.

**NAL Call No.:** Videocassette no. 1315.

325

**Training Medical Behaviors in Orangutans at Brookfield Zoo** [videocassette]. Chicago, IL: The Chicago Zoological Society and The Brookfield Zoo: 1989; 1/2" VHS, 10 min.

**Keyword:** Training, behavior modification, veterinary treatment

**Note:** This video demonstrates the long, progressive process of positive reinforcement training needed to administer insulin injections and oral medications to two diabetic orangutans. May serve as a case study for training other animals with chronic diseases to receive injections.

**NAL Call No.:** Videocassette no. 1841.

326

**Transgenic Animals in the Production of Biopharmaceuticals** [videorecording]. Bethesda, MD: BioConferences International, Inc.; 1993; 1/2" VHS, 104 min.

**Keyword:** Swine, transgenic animals, conference, biopharmaceuticals, swine.

**Note:** Four speakers discuss the role of transgenic animals in the production of biopharmaceuticals. Topics covered include the technological strategy of making transgenic animals for different purposes, production of proteins in the milk of transgenic animals, production of recombinant human hemoglobin in transgenic swine, and transgenic production of the human cystic fibrosis protein in livestock. The video is of a session of the conference BioEast'93 held in Washington, DC, January 24-27, 1993.

**NAL Call No.:** Videocassette no. 1977.

327

**Transgenic Farm Animals** (videocassette). Washington, DC: USDA Food Safety and Inspection Service; 1986; 1/2" VHS, 53 min.

**Keyword:** Biotechnology, pigs, USDA.

**Note:** This is a videotaped seminar given by Dr. Douglas Bolt, USDA-ARS Reproduction Physiology Laboratory, describing the methodology and results of a research project in which a foreign growth gene was transferred by microinjection into the pronuclei of a pig's ovum.

**NAL Call No.:** Videocassette No. 264.

328

**Transgenic Technologies** [videocassette]. Potomac, MD: BioConferences International; 1991; 1/2" VHS, 113 min.

**Keyword:** Biotechnology congresses, transgenic animals transgenic plants.

**Note:** Panel discussion on transgenics and how they can be applied to biotechnology, development studies on mice using transgenics; immunological developments using transgenics; transgenic pigs; and transgenics and fish. This is a videorecording of session at BioEast'91 held in Washington, DC, Jan 6-9, 1991, sponsored by BioConferences

International, Inc., Genetic Engineering News, IBEX; co-sponsored by the Pennsylvania State University Biotechnology and Bioprocessing Resource Center.  
**NAL Call No.:** Videocassette no. 1143.

329

**Tuberculin Testing Exotic Animals** [slide]. San Diego, CA: San Diego Zoological Society and University of California at Davis; 1981; 84 slides, audiocassette, 18 min.

**Keyword:** Tuberculin, serological diagnosis, zoo animals, diseases.

**Note:** This program demonstrates use and methodology of tuberculin testing in exotic animals.

**NAL Call No:** Slide No. 196.

330

**Understanding Dairy Cattle Behavior to Improve Handling & Production** [videorecording].

Madison, WS: Livestock Conservation Institute; c1992; 1/2", 24 min.

**Keyword:** Dairy farming, dairy cows, behavior, handling, milk production..

**Note:** Provides insight into dairy cattle behavior for handlers and herders. Gives suggestions to reduce handling stress which can result in improved milk production.

**NAL Call No.:** Videocassette no. 2036.

331

**Understanding Farm Animal Behavior** [videocassette]. Minneapolis, MN: University of Minnesota; 1986; 1/2" VHS, 45 min.

**Keyword:** Cattle, pigs, farm animals, behavior, animal welfare.

**Note:** Dr. William Hall, Professor of Veterinary Medicine at the University of Illinois, and Dr. William Rempel, Professor of Animal Science at the University of Minnesota, discuss and explain aspects of farm animal behavior. The panelists field questions from the moderator and the audience. The discussion touches on factory farming and animal rights.

**NAL Call No:** Videocassette No. 367.

332

**Unnecessary Fuss** [videocassette]. Washington, DC: People for the Ethical Treatment of Animals (PETA); 1984; 1/2" VHS, 29 min.

**Keyword:** Biomedical techniques, baboons.

**Note:** Ingrid Newkirk of PETA narrates segments of videotape removed from the University of Pennsylvania Head Injury Clinic by the Animal Liberation Front in June 1984. The segments highlight neurological procedures on baboons and critique research methodologies by scientists.

**NAL Call No:** Videocassette No. 299.

333

**Using Animals in Research: Guidelines for Investigators** [videocassette]. Beltsville, MD: USDA, Agricultural Research Service; 1986; U-Matic 3/4", 6 videotapes, 240 min.

**Keyword:** Animal welfare, legislation, animal research, regulations, euthanasia, PETA, APHIS, NIH investigators.

**Note:** This film records in its entirety a course sponsored by the USDA/Agricultural Research

Service and presented to investigators on March 25, 1986. Speakers from the Animal and Plant Health Inspection Service, National Institutes of Health, Public Health Service, and Agricultural Research Service present information on laws, policies, and practices that affect the use of research animals; discuss techniques that are commonly used in an animal laboratory; and provide references for those who want to learn more about specific procedures. Tape 1 - regulatory issues from an APHIS perspective. Tape 2 - film, "Unnecessary Fuss," assembled by PETA from the University of Pennsylvania research documentation. Tape 3 - principles and policies for animal use in NIH extramural programs. Tape 4 - principles and policies for animal use in the Beltsville area. Tape 5 - technical information and training opportunities for animal users. Tape 6 - panel discussion of audience questions.

**NAL Call No:** Videocassette No. 186.

334

**Veal Farming Is Special** [videocassette]. Park Ridge, IL: American Farm Bureau Federation: 1983; 1/2" VHS, 12 min.

**Keyword:** Veal calves, intensive livestock farming, animal welfare, husbandry.

**Note:** Promoting the merits of the veal industry, this film begins with a tour of a family-operated veal farm. Family members comment on aspects of animal management including iron supplementation, ventilation, and sanitation. Dr. Don Lawson of the Provimi Veal Company discusses research on alternate housing systems, including the loose housing and modified stall systems.

**NAL Call No:** Videocassette No. 436.

335

**Voices I Have Heard** [videocassette]. Raleigh, NC: Culture and Animals Foundation; 1988; 1/2" VHS, 60 min.

**Keyword:** Animal welfare, activists, laboratory animals, pets, wildlife.

**Note:** Older activists tell how they are improving the welfare of animals. Among the activities undertaken by these individuals are caring for injured wildlife, protesting animal research, maintaining a private wildlife refuge, preventing carriage horse abuse, promoting alternatives to the use of live animals for experimentation, protecting Canadian seal pups, and rescuing burrows in the Grand Canyon.

**NAL Call No:** Videocassette No. 419.

336

**Watching Animals** [videocassette]. Washington, DC: National Geographic Society; c1978; 1/2" VHS, 12 min. Includes 2 identical teacher's guides.

**Keyword:** Animal behavior, wildlife watching.

**Note:** Explains that scientists learn about the behavior of animals by watching them closely and that any person with an interest in animals can do the same. Shows scientists in places all over the world conducting experiments with interesting animals that live in the wild.

**NAL Call No.:** Videocassette no. 1157.

337

**We Are All Noah** [videocassette]. New York: American Fund for Alternatives to Animal Research; 1986; 1/2" VHS, 25 min.

**Keyword:** Religion, ethics, alternatives, cats, dogs, cattle, chickens, pigs, medical research.

**Note:** Tom Regan narrates this discussion of religious values regarding the care and use of animals. Representatives from the Jewish and Christian faiths call for a more compassionate relationship between humans and animals. Painful research and testing procedures, fur trapping, intensive animal agriculture, and pound animal euthanasia are discussed. Alternatives to the use of live animals in research and education are briefly examined.

**NAL Call No:** Videocassette No. 505.

338

**Weaning** [videocassette]. Lexington, KY: Blood-Horse Productions; c1984, 1/2" VHS, ca. 32 min.

**Keyword:** Weaning, horses.

**Note:** Weaning programs at four horse farms are discussed.

**NAL Call No.:** Videocassette no. 1899.

339

**What's The Beef?** [videocassette]. Lubbock, TX: Creative Educational Video; 1991; 1/2" VHS, 15 min.

**Keyword:** Production, livestock, animal welfare, animal rights.

**Note:** This video, along with the accompanying facilitator's guide, concentrates on the animal activists' concerns about animal production. Contrasting viewpoints are explored, with a factual and realistic look at animal agriculture and the animal rights movement.

**NAL Call No:** Videocassette No. 1284.

340

**When Should I Call the Vet?** [videorecording]. La Jolla, CA: Lawlor Productions; c1988; 1/2" VHS, 104 min.

**Keyword:** Horses, diseases, normal behavior, diagnosis, colic, injuries, hoof problems, veterinary care.

**Note:** This set of two video cassettes is part of the Equestrian Horse Video Series. Pam Lawlor discusses the various indicators and conditions that can affect a horse and when you should seek veterinary help. In part 1, Finding the norm for your horse, there is a discussion on what are normal behaviors and activities for a horse. Part 2, Colic, wounds and hoof ailments, addresses the symptoms and seriousness of those conditions that require veterinary care.

**NAL Call No.:** Videocassette no. 1910.

341

**Who Cares Anyway** [videocassette]. Toronto, Canada: Lynx Film Production; 1979; 1/2" VHS, 30 min.

**Keyword:** Animal welfare, euthanasia, overpopulation, puppy mills, humane society, animal abuse.

**Note:** This video shows what happens when animals are no longer desired as pets. Emphasizes the abuses of puppy mill breeding. Discusses abandonment of pets and the need for controls, and what happens to animals in shelters.

**NAL Call No.** Videocassette No. 827.



342

**Who Speaks for the Animals?** [slide]. Hyattsville, MD: USDA/Animal and Plant Health Inspection Service; 1987; 80 slides, audiocassette, 15 min.

**Keyword:** Animal welfare, ethics, APHIS, legislation, regulations.

**Note:** This slide set presents an overview of animal welfare issues and discusses the role of the Animal and Plant Health Inspection Service (APHIS) in enforcing legislation designed to protect animals from abuse.

**NAL Call No:** Slide No. 208.

343

**Why I Should Stay Awake in Science Class** [videorecording]. Washington, DC: Foundation for Biomedical Research; 1/2" VHS, ca. 10 min.

**Keyword:** Scientists, teaching, elementary school, laboratory research.

**Note:** Depicts scientists at work in laboratories, on land and sea, and in the air. Explains the value of scientific knowledge and research.

**NAL Call No.:** Videocassette no. 2008.

344

**Will I Be Alright Doctor?** [videocassette]. Washington, DC: Foundation for Biomedical Research; 1984 (No.146) and 1985 (No.147); 1/2" VHS, 14 min. 6 sec.

**Keyword:** Health care, laboratory animals, medical research, animal welfare, ethics.

**Note:** Surgeons and patients discuss the contribution of animal research to the advancement of human health care. Particular benefits discussed in this program include greater success with organ transplants and correcting congenital birth defects, extending operating time, and improving chemotherapy treatments for leukemia patients. A laboratory animal veterinarian comments on his role in ensuring humane care and use of experimental animals. Footage of humans and animals undergoing surgery is presented.

**NAL Call No:** Videocassette Nos. 146 and 147.

345

**Zoo careers: A Look Behind the Scenes at a Modern Zoo** [videocassette]. Part of the series--"Zoo careers video curriculum."; Portland, OR: Metro Washington Park Zoo. Education Division; c1990; 1/2" VHS, 30 min.

**Keyword:** Metro Washington Park Zoo, careers, educational requirements.

**Note:** Using the Metro Washington Park Zoo as a model, describes the duties of and necessary skills and education for various jobs in a zoo. For grades 4 and above.

**NAL Call No.:** Videocassette No. 1595.

346

**Zoos of the World** [videorecording]. Washington, DC: National Geographic Society and Metromedia Producers Corporation; c1970; 1/2" VHS, 50 min.

**Keyword:** Zoos, worldwide, captive animal issues.

**Note:** Shows animals in zoos all over the world, presents the history of man's obsession with capturing and keeping animals, and discusses how the concerns of zoos have changed. The narrator is Joseph Campanella.

**NAL Call No.:** Videocassette No. 2035.





## Document Delivery Services to Individuals

The National Agricultural Library (NAL) supplies agricultural materials not found elsewhere to other libraries. Submit requests first to local or state library sources prior to sending to NAL. In the United States, possible sources are public libraries, land-grant university or other large research libraries within a state. In other countries submit requests through major university, national, or provincial institutions.

If the needed publications are not available from these sources, submit requests to NAL with a statement indicating their non-availability. Submit one request per page following the instructions for libraries below.

### NAL's Document Delivery Service Information for the Library

The following information is provided to assist your librarian in obtaining the required materials.

**Loan Service** -- Materials in NAL's collection are loaned only to other U.S. libraries. Requests for loans are made through local public, academic, or special libraries.

The following materials are not available for loan: serials (except USDA serials); rare, reference, and reserve books; microforms; and proceedings of conferences or symposia. Photocopy or microform of non-circulating publications may be purchased as described below.

**Document Delivery Service** -- Photocopies of articles are available for a fee. Make requests through local public, academic, or special libraries. The library will submit a separate interlibrary loan form for each article or item requested. If the citation is from an NAL database (CAIN/AGRICOLA, *Bibliography of Agriculture*, or the NAL Catalog) and the call number is given, put that call number in the proper block on the request form. Willingness to pay charges must be indicated on the form. Include compliance with copyright law on the interlibrary loan form or letter. Requests cannot be processed without these statements.

#### Charges:

- Photocopy, hard copy of microfilm and microfiche -- \$5.00 for the first 10 pages or fraction copied from a single article or publication. \$3.00 for each additional 10 pages or fraction.
- Duplication of NAL-owned microfilm -- \$10.00 per reel.
- Duplication of NAL-owned microfiche -- \$5.00 for the first fiche and \$.50 for each additional fiche per title.

**Billing** -- Charges include postage and handling, and are subject to change. Invoices are issued quarterly by the National Technical Information Service (NTIS), 5285 Port Royal Road, Springfield, VA 22161. Establishing a deposit account with NTIS is encouraged. **DO NOT SEND PREPAYMENT.**

#### Send Requests to:

USDA, National Agricultural Library  
Document Delivery Services Branch, PhotoLab  
10301 Baltimore Ave., NAL Bldg.  
Beltsville, Maryland 20705-2351

Contact the Head, Document Delivery Services Branch at (301) 504-5755 or via Internet at [ddsbhead@nal.usda.gov](mailto:ddsbhead@nal.usda.gov) with questions or comments about this policy.

**USDA - NATIONAL AGRICULTURAL LIBRARY  
ELECTRONIC ACCESS FOR INTERLIBRARY LOAN (ILL) REQUESTS**

The National Agricultural Library (NAL) Document Delivery Services Branch accepts ILL requests from libraries via several electronic methods. All requests must comply with established routing and referral policies and procedures. A sample format for

ILL requests is printed below along with a list of the required data/format elements.

**ELECTRONIC MAIL (Sample form below)**

**SYSTEM**

**ADDRESS CODE**

INTERNET.....lending@nal.usda.gov

Please use the following standardized one word subject line format as the first word in the subject line.

Start subject line with one word format: 3 letter month abbreviation day NAL # of request placed that day

jul25NAL4 (if this is the fourth request sent to NAL on July 25)

OCLC.....NAL's symbol AGL need only be entered once but it must be the last entry.

**SAMPLE ELECTRONIC MAIL REQUEST**

AG University/NAL      JUL25NAL4      1/10/95      DATE NOT NEEDED AFTER: 2/15/95

Interlibrary Loan Department  
Agriculture University Library  
Heartland, IA 56789

Dr. Smith      Faculty      Ag School  
Canadian Journal of Soil Science 1988 v 68(1): 17-27

De Jong, R.      Comparison of two soil-water models under semi-arid growing conditions

Ver: AGRICOLA      Remarks: Not available at AU or in region.

NAL Call Number: 56.8 C162      Auth: Charles Johnson      CCL      Maxcost \$15.00

Ariel IP = 111.222.333.444.555 or Fax to 123-456-7890

**TELEFACSIMILE - 301-504-5675.** NAL accepts ILL requests via telefacsimile. Requests should be created on standard ILL forms and then faxed to NAL. NAL fills requests via FAX as an alternative to postal delivery at no additional cost. When your fax number is included on your request, NAL will send up to 30 pages per article via fax. If the article length exceeds 30 pages NAL will ship the material via postal service. All requests are processed within our normal timeframes (no RUSH service).

**ARIEL-** IP Address is 198.202.222.162. NAL fills ILL requests via ARIEL when an ARIEL address is included in the request. NAL treats ARIEL as an alternative delivery mechanism, it does not provide expedited service for these requests. NAL will send up to 30 pages per article via ARIEL. If the article length exceeds 30 pages or cannot be scanned reliably, NAL will deliver the material via postal service.

**REQUIRED DATA ELEMENTS/FORMAT**

1. Borrower's name and full mailing address must be in block format with at least two blank lines above and below so form may be used in window envelopes.
2. Provide complete citation including verification, etc. and NAL call number if available.
3. Provide authorizing official's name (request will be rejected if not included).
4. Include statement of copyright compliance (if applicable) & willingness to pay NAL charges. Library and institution requests must indicate compliance with copyright by including the initials of one statement, either "CCL" for compliance with Copyright Law or "CCG" for compliance with Copyright Guidelines or a statement that the request complies with U.S. Copyright Law or other acceptable copyright laws (i.e. IFLA, CLA, etc.).



## Document Delivery Services Available to Libraries, Other Information Centers and Commercial Organizations.

The National Agricultural Library (NAL) accepts requests from libraries and other organizations in accordance with the national and international interlibrary loan code and guidelines. In its national role, NAL supplies copies of agricultural materials not found elsewhere. Filling requests for materials readily available from other sources diverts NAL's resources and diminishes its ability to serve as a national source for agriculture and agriculturally related materials. Therefore, NAL is viewed as a library of last resort.

Submit requests to state/region/network sources prior to sending to NAL. Within the United States, possible sources are public libraries, land-grant university libraries, or other large research libraries within a state. In other countries, submit requests to major university, national or provincial institutions. If the needed publications are not available from these sources, submit requests to NAL with a statement indicating their non-availability.

**Requests** -- Submit on the American Library Association (ALA) or the International Federation of Library Associations and Institutions (IFLA) interlibrary loan form or via electronic mail or telefacsimile (see over for more details). Include the complete name of the person authorizing the request on each form; the standard bibliographic source which lists the title as owned by NAL; and the call number if the citation is from an NAL database (CAIN/AGRICOLA, *Bibliography of Agriculture*, or the NAL catalog).

**Loan Service** -- Materials in the NAL collection are loaned only to U.S. libraries. The loan period is one month. Loans may be renewed for an additional month if there is no reserve placed on the material. Make renewal requests in writing or call prior to the due date. The borrowing library is responsible for any loss or damage to the material from time of dispatch.

The following materials are **not** available for loan: serials (except for USDA serials); rare, reference, and reserve books; microforms; and proceedings of conferences or symposia. Photocopy or microform of the non-circulating publications is supplied automatically (as described below) when the requesting organization indicates that photocopy is acceptable on the loan form.

**Audiovisuals (AVs):** Order at least 3-4 weeks before the intended show date. Give show date and alternate show date when requesting specific titles. Request specific format needed if more than one format is given in the citation.

**Document Delivery Service** -- Submit a separate completed interlibrary loan form for each article required. Indicate willingness to pay charges on the form and compliance with copyright law or include a statement that the article is for "research purposes only". Requests are not processed without these statements.

### Charges:

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jul25NAL4 (if this is the fourth request sent to NAL on July 25)

OCLC.....NAL's symbol AGL need only be entered once but it must be the last entry.

**SAMPLE ELECTRONIC MAIL REQUEST**

|   |           |         |                                |
|---|-----------|---------|--------------------------------|
| AG University/NAL   | JUL25NAL4 | 1/10/95 | DATE NOT NEEDED AFTER: 2/15/95 |
| Interlibrary Loan Department<br>Agriculture University Library<br>Heartland, IA 56789   |           |         |                                |
| Dr. Smith                  Faculty   Ag School<br>Canadian Journal of Soil Science 1988 v 68(1): 17-27<br>De Jong, R.   Comparison of two soil-water models under semi-arid growing conditions<br>Ver: AGRICOLA                  Remarks: Not available at AU or in region.<br>NAL Call Number: 56.8 C162                  Auth: Charles Johnson                  CCL                  Maxcost \$15.00<br>Ariel IP = 111.222.333.444.555 or Fax to 123-456-7890 |           |         |                                |

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3. Provide authorizing official's name (request will be rejected if not included).
4. Include statement of copyright compliance (if applicable) & willingness to pay NAL charges. Library and institution requests must indicate compliance with copyright by including the initials of one statement, either "CCL" for compliance with Copyright Law or "CCG" for compliance with Copyright Guidelines or a statement that the request complies with U.S. Copyright Law or other acceptable copyright laws (i.e. IFLA, CLA, etc.).

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